Chapter 1.

Getting started

Welcome to Procreate Pocket
1.1

Getting Started
Procreate Pocket overview

- More options
- Paint
- Smudge
- Erase
- Layers
- Color
- Gallery
- Brush size
- Brush opacity
Precise control

The always-present brush sliders allow you to slide up and down to easily get the exact brush size and opacity you need.
Modify your artwork

Tap the Modify menu to access advanced tools like Selection, Transform, Adjustments, and Actions.
Two-finger tap to Undo

Or use a three-finger tap to Redo.
Quick Pinch

To fit the canvas to screen instantly, quickly pinch inwards.
Landscape

Rotate your iPhone and Procreate Pocket will automatically switch to Landscape mode. If the interface doesn’t rotate, check that Rotation Lock is deactivated in your Control Centre.
1.2

Gestures
Paint, Smudge, and Erase

Drag your finger on the canvas to apply paint, erase paint, or smudge strokes.
Undo an action

Two-finger tap anywhere on the canvas to Undo.
Redo an action

Three-finger tap anywhere on the canvas to Redo.
Zoom & rotate

Pinch and twist with two fingers to zoom or rotate your canvas at any time.
QuickPinch

Quickly pinch inward with two fingers to fit the canvas to your iPad screen. Reverse the gesture to return to your exact location.
QuickLine

Paint a stroke and continue holding at the end to see it snap into a perfectly straight line.
Clear layer

Scrub back and forth with three fingers to completely clear your current layer.
Copy & Paste

Swipe downward with three fingers to reveal options for Cut, Copy, and Paste.
Fullscreen

Tap the canvas with four fingers to toggle Fullscreen Mode.
1.3

Gallery
Your art Gallery

Create order from chaos with Procreate Pocket’s simple yet powerful artwork Gallery.
Create a new canvas

Tap the + to choose from saved and preset canvas sizes, or tap Custom Size to create your own.
Create a custom canvas

Choose a measurement on the left of the keypad, then tap on the Width or Height readouts and enter a new value. Canvases can be anywhere between a 1px square and a massive 16K in one direction.
Edit a canvas size

Swipe left on a saved canvas size to Edit or Delete it. Tap the Edit button to be taken to the canvas creation interface. Here you can adjust the size of your canvas template, change the measurement, or rename it.
Color space

If you’re using a P3-compatible device, you can also choose between sRGB or P3 Wide Color when creating your canvas. A P3 canvas allows you to use extremely saturated greens, reds, and oranges.
Moving your artwork

Moving artwork around is a snap. Tap and hold on a thumbnail to lift it out of the grid, then move the thumbnail and drop it in your desired location.
Rename

Tap the title in the artwork’s thumbnail to bring up the keyboard. All new canvases will be named “Untitled Artwork” by default.
Create a Stack

Tap Select, tap multiple artworks to highlight them, then tap the Stack button. Alternatively, drag one or more artworks, and hold them over another canvas to spring into a new Stack.
Remove from a Stack

To move artwork out of a Stack, pick up one or more artworks, tap the Stack return button with another finger, and drop the items back in the Gallery.
Share artwork

Tap Select, tap the artworks you wish to share, then tap the Share button. You can export your artworks as .procreate, PSD, PDF, JPEG, PNG, or TIFF files.
Duplicate artwork

Tap Select, highlight the artworks you wish to duplicate, then tap the Duplicate button.
Delete artwork

Tap Select, highlight the artworks you wish to Delete, then tap the Delete button.
Import a file

Use the Files app to access any connected location, and tap a file to import it.
Import a photo

Create a new canvas by importing an existing artwork or image straight to your Procreate Gallery.
Swype shortcut

Swype from right to left on any artwork to access shortcut buttons for Share, Duplicate, and Delete.
Chapter 2.

Brushes

Make your mark.
2.1

Brush System
Game-changing brushes

You’ll notice the brushes feel different in Procreate Pocket. That’s because they are different. Procreate Pocket has the same powerful dual-texture brush system as Procreate for iPad, splitting brushes into two core elements: Shape and Grain.
The brush library

Your selected tool will be highlighted in blue to indicate that it's active. Tap it again to show the brush library. Here you can access over 130 handcrafted brushes ranging from sketching pencils and fluid inks, to versatile paintbrushes and unique digital effects.
Navigating the library

Procreate comes with many exciting brushes organized into convenient themes. To navigate through your Brush Sets, simply swipe the Sets up or down.
Rearranging brushes

Tap and hold the brush you wish to move. Drag it to the new position, and let go to drop it in place. If you hover over a different Brush Set, you can drop it into that Set.
Selecting multiple brushes

Swipe right on a brush to select it, then tap and hold on a brush to pick up all of your selected brushes. Alternatively, tap and hold the brush you wish to move, and then tap other brushes with another finger to add them to the stack.
Brush Actions

Swipe a brush from right to left to reveal context-sensitive actions: Share, Duplicate, and Reset. If you are swiping a custom brush, you will see Delete instead of Reset.
Sharing brushes

Swipe the brush thumbnail and select the Share option. Procreate will package your brush into a .brush file and you can choose how to share it from there.
Importing brushes

Tap the ‘New brush’ button to create a new brush, then locate the Import button at the top right to import a brush from Files app. The brush will be imported into your currently-selected Brush Set.
Custom Sets

Organize your custom brushes into your own Brush Set. Tap the ‘New set’ button to create and name a new Brush Set. You can create as many custom Sets as you like.
2.2

Advanced Brush Settings
Stroke settings

As you move your finger or stylus across the screen, Procreate is plotting your stroke using many points - much like a curve on a graph.

- **Spacing**
  Spacing is the amount of space added between each plot point in your stroke. Increasing the space will create more gaps in your brush.

- **StreamLine**
  StreamLine stabilizes your strokes in real time for perfect precision curves and flourishes. The higher the value, the more StreamLine will smooth your strokes.

- **Jitter**
  Jitter refers to the amount of distance by which your shape will be offset from the stroke plot. Smaller values will look more like a solid line, while higher values will spread the shape out and hide the visible line you draw.

- **Fall off**
  This affects the overall length of the stroke. All effects will be applied within this setting.

- **Start stroke taper**
  This will apply a taper to the start of your stroke. The higher the value, the greater the taper.

- **End stroke taper**
  This will apply a taper to the end of your stroke. The higher the value, the greater the taper.

- **Opacity stroke taper**
  Opacity stroke taper allows you to adjust the amount of opacity applied to a taper.

- **Size stroke taper**
  Size stroke taper allows you to adjust the size of the taper.
Shape

A brush Shape is just like a stamp. The image you select as the Shape will be repeatedly 'stamped' over the course of a stroke. You could also think of the Shape as a container for the Grain.

Scatter
Changing scatter will change the orientation of your brush as your stroke progresses. Higher values will give a messy, rough feeling while low values will be like a streaky brush. Scatter is not affected by brush direction.

Rotation
The rotation slider affects how your brush reacts to directional change. A range of unique effects can be achieved, from a flat calligraphy brush to ribbon effects. The rotation slider has three main points:

‘100% inverse’ makes the Shape rotate inversely to stroke direction.

‘Static’ locks Shape direction to remain static.

‘Follow stroke’ causes the Shape to follow your painting direction.

Randomized
When OFF—initial Shape direction is based on the stroke’s beginning. When ON—direction is different for the beginning of every stroke. This can give each stroke a unique behavior and a more organic feel.

Filtered
ON applies Anti-Aliasing to your Shape texture. OFF can cause the Shape to become jagged and coarse.
Grain

As you’ve already learned, Procreate brushes are created using dual images. While the Shape acts as a container for the Grain, the Grain itself acts like a paint roller. When you paint a stroke, the Grain is ‘rolled’ inside the Shape and on to the canvas.

**Movement**
When set to ‘Stamp’, the Grain texture will not roll at all. Instead, it will smear the grain. When set to ‘Rolling’, the grain will apply its texture just like a repeating paint roller.

**Scale**
Grain scale adjusts the size of the grain texture inside the shape.

**Zoom**
When set to ‘Follow size’, the Grain will scale with your brush shape. When set to ‘Cropped’, the Grain is locked and the brush Shape will scale independently from the Grain. A great way to understand how zoom works is to use the precision slider preview.

**Rotation**
Grain rotation is very similar to grain movement. This setting will smear and slur the Grain image based on directional stroke changes. The rotation slider has three main points along the slider:

- ‘100% inverse’ makes the Grain rotate inversely to stroke direction.
- ‘Static’ locks Grain direction to remain static.
- ‘Follow stroke’ causes the Grain to follow your stroke direction.

**Filtered**
ON applies Anti-Aliasing to your Shape texture.
OFF can cause the Shape to become jagged and coarse.
Dynamics

These settings are applied on-the-fly when you draw and paint. Dynamics settings allow you to create incredibly unique brushes.

Brush Rendering
Each Brush Rendering option affects the overall behavior of your brush, and provides access to different Dynamics settings.

Normal
The Normal mode will allow your stroke to build up over time, and has no special Dynamics settings.

Glazed
When Glazed is selected, your brush will paint in a uniform transparent manner and will no longer ‘build up’ over time. Because of this, the Glazed effect behaves exactly the same as default Adobe® Photoshop® brushes.

Wet Mix
This mode gives your brush a wet look, and adds a number of settings to affect the dilution of the paint, the amount of paint applied, and how much your brush will pull paint around on the canvas.

Opacity Speed
Opacity will vary depending on the speed of your stroke.

Opacity Jitter
The stroke will vary in opacity as it is stamped across the canvas.

Size Speed
Size will vary depending on the speed of your stroke.

Size Jitter
The stroke will vary in size as it is stamped across the canvas.
Dynamics – Glazed

These settings are applied on-the-fly when you draw and paint. Dynamic settings allow you to create incredibly unique brushes.

Accumulative
When ON, the shape will 'build up' as the stroke is made.

Flow
Flow will determine the amount of paint applied to an area every time the brush moves.
Dilution
Varying values of Dilution will create different levels of ‘water’ in your paint. When a high amount of Dilution is applied to your brush, the brush will mix more paint with each stroke. Dilution is directly related to the Charge setting.

Charge
Charge refers to the amount of virtual paint applied to a brush. For instance, when set to ‘0’ the virtual paint will ‘run out’ almost instantly. The Charge setting is great for traditional artists!

Attack
Attack is a pressure-based setting. The higher your Attack setting, the more variation in the stroke Shape with pressure. The more pressure you apply, the more of the Shape area is applied to the canvas, just like pressing harder with a physical brush.

Pull
The Pull feature is best used in combination with Dilution, and affects how much paint your brush will pull around on the canvas. A brush with high Pull and low Charge will act a bit like Smudge.

Grade
Maximum Grade will smooth the ragged edges of your wet brush for a cleaner stroke. -100% Grade will result in a sharper, scratchy brush.

Dynamics – Wet Mix
These settings are applied on-the-fly when you draw and paint. Dynamic settings allow you to create incredibly unique brushes.
Pressure settings

Tailor your pressure settings to get the exact response you need with your finger or a connected stylus.

Pressure Opacity
When set to 0%, the brush will not react to pressure changes. When set to Max, more pressure will increase the stroke opacity. When set to 100% inverse, more pressure will decrease the stroke opacity.

Pressure Bleed
Pressure Bleed applies a threshold to your entire brush, which is then mapped to pressure. A high Bleed setting means that the brush will have less detail and impact with light strokes. The brush detail will bleed through to the canvas as pressure is increased.

Pressure Size
When set to 0%, the brush will not react to pressure changes. When set to Max, more pressure will make the stroke size bigger. When set to 100% inverse, more pressure will make the stroke size smaller.

Pressure Softening
When set to 0%, any changes in pressure will be immediately acted upon. Larger values will smooth out the pressure response, which is excellent for getting gradual changes with Glazed brushes. Lower values give brushes a quicker response to changes in pressure.
General

Here you will find general brush characteristics which apply to the brush overall.

**Brush Name**
Tap to adjust your brush name.

**Use stamp preview**
When ON, stamp preview will cause your brush preview to display only the brush Shape source.

**Preview**
This setting allows you adjust the size of the stroke preview at the top of the brush menu.

**Orient to Screen**
When ON, this setting will cause the brush to orientate itself according to the iPad screen.

**Blend Mode**
Brush Blend Modes determine how your paint combines with other paint on the same layer.

**Smudge**
The Smudge slider is similar to the Pull slider in the Wet Mix Dynamics mode, but only applies when the brush is used by the smudge tool. The higher the Smudge slider, the more paint will be smudged and pulled around.
General

Here you will find general brush characteristics which apply to the brush overall.

Max size
Maximum size is responsible for determining the maximum radius that the brush can reach. By default, all brushes can reach 100% radius. However, if a brush has a high enough Stroke Spacing value, the max size can be increased up to an incredible 1600% radius. Essentially, more spacing allows for bigger sized brushes.

Min size
Minimum size is responsible for determining the minimum radius to which the brush can be lowered.

Max opacity
Maximum opacity is responsible for determining the maximum amount of opacity the brush can reach.

Min opacity
Minimum opacity is responsible for determining the minimum opacity to which the brush can be lowered.
Source settings

This is where you can change or adjust the Shape and Grain source images.

**Tap to import a Shape image**
Tapping the Shape Source thumbnail will allow you to import your own source images into your brush from any location connected through Files app.

Procreate Pocket brush sources will accept almost all image formats, including JPEG, PNG, TIFF, and GIF.

**Tap to import a Grain image**
Tapping the Grain Source thumbnail will allow you to import your own source images into your brush from any location connected through Files app.

Procreate Pocket brush sources will accept almost all image formats, including JPEG, PNG, TIFF, and GIF.

**Invert**
Tap this to invert your source image, turning blacks to whites and vice versa.

**Swap from Pro Library**
This button allows you to choose a Shape or Grain source from Procreate Pocket’s Pro Library of source files.

**Insert Photo**
Tap this to import a Shape or Grain source image from your iPhone’s Photos app.
2.3

Making Custom Brushes
Create a new brush

Tapping the ‘New brush’ button will take you to the brush creation screen, where you can import images for the foundations of a Procreate brush: Shape and Grain.
Add image source

You can load an image from the Pro Library, Photos app, or any other connected location through Files app. Once you have entered both Shape and Grain, the icons for brush settings along the bottom of the panel will become accessible, allowing you to start editing your brush’s behavior.
Make your own source

The key to making the best possible brushes: 100% black in a source image will be completely transparent, while 100% white will be solid paint. Anywhere in between will be semi-transparent.

Use 100% black for pure transparency

Use 100% white for pure opaqueness
Customize & experiment

Once you’ve loaded in your image source, you’re ready to experiment and make your very first Procreate brush. Experimenting with new brushes can be a lot of fun, with great results!
Sharing custom brushes

Swipe the thumbnail of the brush in the Brushes popover to reveal the Share option. Tap Share to package your custom brush into a .brush file to send to friends via email, iTunes, or any connected cloud services.
Download custom brushes

Import downloaded custom brushes by tapping the ‘New brush’ button, then tapping the Import button and locating your .brush file. Alternatively, export the .brush file from another application and open it in Procreate Pocket.
Chapter 3.

Smudging
Take the edge off.
3.1

Smudging Colors
Smudge tool

Select the Smudge tool, and tap it again to bring up the Smudge popover. Once you have selected a brush, you’re ready to start smudging. Remember that Smudge shares the same library as Paint, so try experimenting with different brushes for unexpected smudging results.
Different strengths

The Smudge tool gives varying effects depending on the value of the opacity slider. By using Smudge at full pressure, color will really be pushed around, like wet paint. At lower strengths, Smudge will be smoother and softer.
Full control

The Smudge slider in the General tab of Brush Settings determines how aggressively your brush will pull paint around while smudging. Higher values will pull more paint for a longer stroke. Try experimenting with different Smudge values to find the effect that suits your style.
Color mixing

Mix and blend colors on your canvas in all new ways. Use brushes with a high Smudge value to blend colors together on your canvas. Pull in color or transparency for vibrant, dynamic results.
Chapter 4.

Erasing

Nothing to see here.
4.1

The Eraser Tool
Paint with the Eraser

The Eraser is just as powerful as the Paint tool. Use the Eraser to ‘carve out’ or soften areas of your artwork. The Eraser is controlled just like the Paint and Smudge tools.
Match your style

Tap the icon once to select it, or twice to choose any brush in your library. By matching your Eraser with your painting brush, you’ll create a seamless style.
Chapter 5.

QuickLine

Fast straight lines without lifting a finger.
5.1

Straight lines made easy
Draw a line and hold

Just hold the end of a stroke and watch it snap into a straight line. Learn how to take full advantage of this simple but effective tool that’s always at your fingertips.
Dragging the end

Once the QuickLine has been made, keep holding to move and position the QuickLine. You can also grab either end node after lifting your finger to adjust the line position.
Dragging the middle

Hold and drag the node in the middle of the QuickLine to relocate the entire line.
QuickLine snapping

While dragging a QuickLine end point, place another finger on the canvas to snap the QuickLine to fifteen degree increments.
Tap to complete

When you’re done adjusting, tap the canvas or start painting another stroke to dismiss the QuickLine Transform.
Customize

You can adjust the QuickLine Delay in the Prefs tab of the Actions menu. Drag the QuickLine Delay slider to the right to increase the delay before QuickLine activates, or drag it to the left to decrease the delay. Drag the slider all the way to the left to disable QuickLine completely.
Chapter 6.

Colors

Let your true colors shine through.
6.1

The Color Wheel
The Procreate Color Wheel

Tap the color swatch at the top right of the toolbar to access the Procreate Pocket color popover. The first tab in the color popover shows Procreate’s unique and easy to use color disc.
Understanding the Wheel

Tap or drag the reticle around the Hue Ring to select a hue, then tap or drag the reticle in the Saturation Disc to select your exact color.
Even more control

Pinch the Saturation Disc outward to expand it out to full size. Once expanded, the Saturation Disc will work just the same as the smaller size, but you’ll have much more control over fine adjustments.
Speed up the process

Getting pure values is even easier with Saturation Disc snapping. Double tap on various points around the Saturation Disc to snap to ideal color variations for your current hue.
6.2

The Classic Color Picker
The Classic Color Picker

Procreate Pocket comes with a Classic Color Picker that’ll be familiar to veterans of digital art.
Understanding classic color

Tap the Classic tab in the color popover to access the Classic Color Picker, and choose your hue using the slider. You can adjust your brightness and saturation by dragging the reticle inside the square.
6.3

Color values explained
Color Values

Find the exact color you need with HSB, RGB, and HEX color entry. Set a specific color using alphanumerical inputs. All color readouts will update with any change.

The Color Comparison feature shows your new color alongside your previous selection. Tap the previous color to revert to it at any time.
HSB

Adjust the slider, or tap the field you want to adjust, and use the keypad to enter a value for Hue, Saturation, or Brightness. The corresponding slider will automatically update, along with the RGB and HEX values.
RGB

Adjust the slider, or tap the field you want to adjust, and use the keypad to enter a value for Red, Green, or Blue. The corresponding slider will automatically update, along with the HSB and HEX values.
HEX

Tap the HEX field, and use the keypad to enter a hexadecimal value. The RGB and HEX values will automatically update to match.
6.4

Saving colors
Tap to save

Below the color picker you’ll notice a grid: this is a swatch palette. To save the currently selected color, simply tap an empty swatch in the swatch palette.
Reordering a swatch

Tap and hold a saved swatch to pick it up, and drop it in the new location.
Removing swatches

Tap and hold the unwanted swatch to be greeted with the pop up menu to Delete or Set a swatch.
6.5

The Palette Library
Choosing a palette

Tap the Set Default button at the top of the swatch palette to select that palette. The button will highlight blue to indicate that the palette is now selected.
Organizing palettes

Tap and hold a palette’s title to pull it out of the stack, then Drag and Drop it to the desired location. Tap the title of a palette to invoke the keyboard and rename it.
Sharing your palettes

Swipe from right to left over the palette you want to share. This will expose the Share option. From here you can share to iTunes, Mail, or any connected cloud service.
More palettes

Tap the Import Palettes button to import a downloaded Procreate swatch palette from any connected location. Alternatively, tap the New Palette button to create a blank swatch palette.
Removing palettes

Swipe from right to left and then tap Delete. Be careful, because once you delete a swatch palette there is no way of getting it back.
6.6

Fill with color
ColorDrop

Drag the Color icon out onto the canvas and let go. You’ll see the color drop onto the canvas and fill out until it finds a boundary.
ColorDrop Threshold

Begin using ColorDrop, and then pause over the desired fill area. The ColorDrop Threshold will activate and, before you lift your finger, you can slide left and right to adjust how aggressively it attacks edges.
Reference Layer

Tap your Primary layer to open the Layer Options menu, then tap Reference to activate it as the Reference Layer. Select another layer, and ColorDrop can fill into the selected layer, based on the Reference.
Chapter 7.

Layers

Like onions. Or ogres.
7.1

Using Layers
Creating a Layer

Create new layers with the ‘New layer’ button. A new layer will be inserted above the current layer.
Moving Layers

Rearrange layers with a tap and hold. You can also easily move multiple selected layers or Layer Groups at once.
Layer Selection

Tap any layer to make it your Primary layer. You can select other Secondary layers at the same time by swiping layers from left to right.
Primary & Secondary Layers

Painting, smudging, and erasing will always happen on your Primary layer. If you have multiple layers selected, any Selection or Transform actions will affect all selected layers. Adjustments and Filters cannot be used with multiple layers selected.
Layer Groups

Combine layers into Layer Groups to keep them organized. Create a Layer Group by selecting multiple layers, and tapping the ‘Group layers’ button or tap the ‘New group’ button to create a new, empty Layer Group.
Selecting Groups

A Layer Group as a Secondary selection will behave the same as if you’d selected every layer in that Group. If you select a Layer Group as your Primary, then all Selection and Transform actions will apply to all the layers in the Group, but you cannot paint, smudge, erase, or use Adjustments and Filters.
Layer visibility

Toggle the visibility of a layer or Layer Group by tapping the checkbox. If a layer is hidden, it cannot be modified. If you try to paint on a layer that is hidden, you’ll be notified via a simple dialogue.
Blending and opacity

Tap the Blend Mode indicator to access the compositing panel. Here you can access the layer opacity and change the layer’s Blend Mode.
Pinch to merge layers

To merge multiple layers at once, pinch together the top layer and the bottom layer you want to merge. Every layer in between will be merged into one.
Background layer

To change the background color, tap on the ‘Background color’ at the bottom of the layers panel. In some cases, you may want to turn the layer off to export a PNG with transparency. To do this, tap the checkbox to the right of the ‘Background color’ preview.
Layer Options
Renaming a layer

Selecting the Rename option will invoke the iPad keyboard. When you are finished editing, tap the Return key, or simply tap on the screen.
Select layer contents

By tapping the Select button, you will enter Selection mode and immediately see an applied selection. From here you can Transform your selection, copy it, paint inside it, or any other applicable action.
Copy layer contents

Tap Copy to add the contents of that layer to your iPad’s clipboard. You can use that data to paste into another Procreate canvas, email it, or use it in another app.
Fill and Clear layer

Tapping Fill Layer will use the currently selected color to fill the whole layer evenly. This entire layer will be overwritten with a flat color.
Alpha Lock

Tap Alpha Lock or swipe left to right with two fingers on any layer to lock the layer's transparency. While Alpha Lock is active, you will only be able to paint or smudge over existing paint on this layer.
Mask layer

Tap the Mask button to attach a Layer Mask. This will make a new Mask layer, connected to your current Primary layer. To remove the Mask, simply swipe right to left on the Layer Mask and tap the Delete button. Learn more about Layer Masks from page 146.
Perspective Assist

This option is only available when you have an active Perspective Guide. With Perspective Assist active on a layer, every stroke you make will automatically snap to your existing Perspective Guide, even if the guide lines are currently hidden. Learn more about Perspective Assist from page 249.
Invert

Tap Invert to immediately invert all colors in the current layer. This will replace each color with its opposite complementary color.
Reference

Reference Layer works exclusively with ColorDrop to allow you to fill color on a separate layer to your line work. Once you’ve marked a layer as your Reference, you can select another layer and use ColorDrop. ColorDrop will fill to the new layer using the bounds of the Reference Layer.
Merge Down

Tapping this will merge the active layer with the layer directly below. The two layers will become one single layer and they will no longer be editable as separate objects. This can be reversed by Undo, but is otherwise permanent.
Combine Down

Tap Combine Down to combine the current layer or Layer Group and the layer or Layer Group below it into a new Layer Group.
Layer Blend Modes
Darken Blend Modes

**Multiply**
The best mode for darkening. This mode is great for creating shadows and removing whites and other light colors.

**Linear Burn**
Darker than Multiply, but less saturated than Color Burn.

**Color Burn**
Darker than Multiply, with more saturated mid-tones and slightly reduced highlights.

**Darken**
Selects the base or blend color from each channel, whichever is darker. Pixels lighter than the blend color are replaced, and pixels darker than the blend color do not change.
Lighten Blend Modes

**Lighten**
If the pixels of the selected layer are lighter than the ones on the layers below, they are kept in the image.

**Screen**
Lightens the layer where it blends with the pixels beneath. Screen is the exact opposite to Multiply mode, and visually will make dark pixels appear transparent.

**Add**
Similar to Screen, Add lightens the layers underneath. However, it has much greater impact, causing awesome effects like blooming lights or image burn.

**Color Dodge**
Brighter than the Screen blend mode. Typically results in saturated mid-tones and blown highlights.
Contrast Blend Modes

**Overlay**
Uses a combination of the Screen blend mode on the lighter pixels, and the Multiply blend mode on the darker pixels.

**Hard Light**
Works similarly to Overlay, but uses the selected layer's intensity.

**Soft Light**
A half-strength application of the Overlay mode resulting in a softer, more organic effect.
Difference Blend Modes

Exclusion
Produces an effect like a photographic negative, but with less contrast than the Difference blend mode. Mid-range colors tend to become gray and ‘washed out’.

Difference
Produces a negative or inverted effect relative to the difference between the layers. Black pixels denote no difference between layers.

Subtract
Subtracts the selected layer’s color from the underlying colors. If the selected color is black, the result color is the underlying color.
Color Blend Modes

**Hue**
Takes the luminosity and saturation of the underlying colors and the hue of the blend color. Try overlaying an artwork with a Hue layer to change the mood.

**Saturation**
Result color has the luminosity and hue of the layers below and the saturation of the selected layer.

**Color**
Color uses the luminosity of the layers underneath and the hue and saturation of the selected layer. Gray levels are maintained which is very useful for coloring monochrome images.

**Luminosity**
Luminosity uses the hue and saturation of the layers underneath and sets the luminosity of the selected layer.
7.1

Layer actions & shortcuts
Layer Actions

Swipe any layer or Layer Group to the left to reveal quick actions. Here you can access three options: Lock, Duplicate, or Delete.
Locking layers & Groups

Lock any layer or Layer Group to prevent any accidental changes. Once you lock a layer or Group, you cannot make any changes to it until you unlock it. Swipe left on a locked layer or Layer Group to see the Unlock button.
Duplicate

Duplicating a layer can be great for trialling changes without affecting the original. Tap the Duplicate button and your layer or Group will be replicated in the Layers menu, above the original layer or Group.
Deleting layers or Groups

You can Undo this action, but once you have run out of Undo steps, or if you leave or background the app, you will no longer be able to restore the deleted layer or Group.
Quick Alpha Lock gesture

Instantly toggle Alpha Lock without the Layer Options menu. Swipe a layer from left to right with two fingers to toggle Alpha Lock on or off. Active Alpha Lock is indicated by a chequered background in the layer preview.
Layer Masks
Create a Layer Mask

Tap your Primary layer to invoke the Layer Options menu, then tap Mask to create a Layer Mask. The Mask will appear above and attached to the selected layer.
Using grayscale to edit

Layer Masks are edited in grayscale: erasing or painting in black will hide parts of the parent layer by making them transparent, and painting in white will restore them. Varying shades of gray will alter the content with corresponding levels of opacity.
Select mask or layer

When you select a Layer Mask as your Primary, you can use Erase or Paint to edit the mask. Selecting the parent layer as your Primary allows you to modify that layer's content under the mask. If you want to Transform the layer or the mask separately, you’ll need to deselect the other item first.
Moving a masked layer

Simply tap and hold on the Layer Mask or its parent layer to pick up both, and move them elsewhere in your Layers menu. The Layer Mask will always be attached to the layer until you merge or delete it.
Deleting Layer Masks

Swipe left on a Layer Mask to reveal buttons to Lock or Delete it, just like any normal layer. Be careful: just like any other layer, deleting a Layer Mask is final.
Chapter 8.

Filters & Adjustments

#nofilter is overrated.
8.1

Add a filter to artwork
The magic wand

To quickly access the library of filters and adjustments in Procreate Pocket, just tap the magic wand icon in the Modify menu.
Adjust opacity

To make the layer more transparent, slide from right to left across the screen. This will adjust the opacity of your Primary layer, or the contents of any active selection on that layer.
Gaussian Blur

Tap the desired layer, and then select Gaussian Blur from the Adjustments menu. To increase the strength of the Gaussian Blur, slide across the screen from left to right.
Motion Blur

To increase the strength of the Motion Blur, slide across the screen away from your starting point in any direction. The blur will follow the direction of your gesture. To reduce the strength of the blur, slide back toward your starting point.
Perspective Blur

Perspective Blur produces a blur that emanates from a single point and radiates outwards. Start by positioning the vanishing point by dragging the disc to your desired location. Next, control the amount of the blur by dragging anywhere on the screen from left to right.
Directional Perspective

Tap the Directional Disc button to focus the blur direction. Drag the Directional Disc arrow to target the blur, and drag outwards to focus the blur more tightly.
Sharpen

Select Sharpen and slide from left to right to create sharp transitions between light and dark areas. Use Sharpen to make things feel in focus.
Noise

With the correct layer selected, tap Noise from the Adjustments menu. To increase the strength of Noise, slide across the screen from left to right.
8.2

Enhance your artwork
Hue, Saturation, Brightness

HSB allows you to adjust the hue, color strength, and brightness of any given layer.
Color Balance

Color Balance can be used to correct or stylize images. The right extremities of the bars show red, green, and blue. The left extremity shows the opposite color for each of these primaries. Sliding in one direction will make the overall layer shift toward that color value.
Fine-tune color

Finely adjust the tonal values of your artwork by using Color Balance modifiers.
Curves

The layer tonal values are represented as a straight line on the grid. Moving a node in the top area of the grid will adjust the highlights of your layer. Moving a node in the centre of the line will adjust the midtones, and moving a node in the bottom section will adjust darker areas of your layer.
Manipulating points

Dragging a node up will affect the lightness of your layer. Dragging a node down will affect the darkness of the layer. Likewise, dragging a node left or right will decrease or increase contrast. You can create up to 11 nodes, so try experimenting by bending a few curves and watch what happens to the layer!
Understanding the histogram

The histogram is an RGB graphical representation of the color in your image. The colors in the histogram show the levels of activity for each channel: red, green, and blue. Different colors indicate the channels overlapping: white means all three channels are active.
RGB channels

With Procreate, you’re not limited to adjusting the overall gamma. You can also adjust layers by editing the Curves on the red, green, and blue channels independently. Making a Curve adjustment to each color channel allows practically limitless varieties of color corrections and effects.
Chapter 9.

Selections

Spoiled for choice.
Making and selecting
Tap the Selection tool

As soon as you tap the Selection icon, Selection mode becomes active and the icon glows blue. Now when you touch the canvas you won't be painting any more, you'll be outlining your selection.
A major step forward

Procreate's remarkable multitouch selection tool allows you to create fluid freehand selections and polygon selections at the same time. Pioneered purely for touch input, the Freehand selection tool allows you to create selections while freely zooming and panning the canvas.
Drawing a selection

The Selection tool is specifically built for a touch interface. Simply draw or tap around the area you wish to select. You can use Procreate’s navigation gestures at any time to zoom in for greater precision or pan to select areas that are currently offscreen.
Closing a selection

When you apply your selection you will see the active selection as a clear area of the canvas, and the masked areas indicated by moving diagonal lines. To apply your selection, do one of the following: tap the Paint icon, tap the Transform icon, or tap the starting point node.
Painting with a selection

When you have made your selection and are ready to get back to your artwork, tap the Paint, Smudge, or Erase tools. You’re now ready to paint inside your selection.
Add to your selection

You can add extra shapes to your selection by using the Add icon on the bottom toolbar. Each time you tap Add, the area inside the dashed line will be added to the current selection.
Subtract from your selection

You can cut away shapes from your selection by using the Subtract icon on the bottom toolbar. Each time you tap Subtract the area inside the dashed line will subtract from the current selection. If they are overlapping, it will appear to cut a chunk out of your selection.
Reloading a selection

You can reload your last used selection with a tap and hold on the Selection icon. Reloading your last used selection will also activate Selection mode. From here you can add or subtract from your selection if you wish.
Select layer contents

By using the Select button in the Layer Options menu, you will select any painted pixels from that layer. Procreate then activates Selection mode and commits the mask, so you can paint straight away.
Adjusting the appearance

Tucked away in Actions > Prefs, you will find a setting to adjust the Selection mask visibility. Adjusting the slider will change the strength of the Selection mask pattern so you can get it just the way you like it.
9.2

Automatic Selection
Toggle Automatic Selection

Tap the Automatic button to switch to Automatic Selection mode. You can switch between the two modes for even more power and flexibility. Try selecting an area with Automatic Selection, then switching to Freehand to make fine adjustments.
Using Automatic Selection

Tap an area of your artwork to instantly select it. Hold your finger on the screen and drag to the left or right to adjust Selection Threshold. This works just like ColorDrop Threshold - the higher the Threshold, the more aggressively Automatic Selection will treat boundaries.
Add to selection

Tap another area to add it to your selection. Tap an area and drag left or right to select and adjust your Threshold.
Chapter 10.

Transform

And roll out.
Basic manipulation
Transforming a layer

Once you tap the Transform icon, your layer will be bounded by a moving dashed line. This dashed line will encompass every pixel on that particular layer, or in an active selection. On each corner and in the middle of each face, you will see a node. These are the control points that you use to transform your selected layers.
Repositioning your work

After activating Transform, just drag with one finger to move the layer. Pinch and rotate inside the bounds of the layer to scale and rotate the layer contents freely. Alternatively, use the shortcuts at the bottom of the screen to snap-transform the object.
Uniform Transform

Pinching inside the object bounds will uniformly scale the layer with the anchor being in the middle. With Magnetics active, drag any corner node to adjust to the new size. Your Transform will anchor from the opposite node to the one you are dragging.
Non-uniform Transform

To stretch your layer and disregard its original ratio, drag any of the blue nodes in any direction (while Magnetics is off). This will pivot your Transform from the opposite corner/side.
10.2

Advanced Transform
Distort

Engage Distort by tapping the Distort button in the bottom toolbar, and dragging any corner node. This will begin to distort your selection.
Shear

To shear an object, enter Distort mode and tap and hold a middle blue node. To restrict the Shear's movement to a single axis, turn Magnetics on.
Nudge

Tap outside your object to move your object left, right, up or down in tiny increments. The nudge distance will be affected by zoom level, so the closer you are to your painting, the smaller the nudge will be.
Zoom & pan shortcut

While transforming, you can still move your view around without committing your changes. Hold the Transform button and zoom/pinch to adjust your view. Let go of the Transform button to go back to transforming your object.
Chapter 11.

Actions

Do or do not. There is no try.
11.1

Inserting files & images
Insert a file

Use Files app to insert an image from any connected location. PNG, JPEG, and PSD files can be inserted through this menu. PSD files will come in as a flat image. To import a layered PSD, use the Import option in the Gallery.
Insert a photo

Insert an image from your Photos app directly into your canvas. This option lets you bring a JPEG, PNG, or PSD image from your Photos app into your existing canvas. PSD files will be imported as a flat image.
Take a photo

Use your iPhone camera to take a photo and immediately insert it into your canvas.
Cut, Copy, & Paste

Use these buttons to interact with the iOS clipboard. Copy Canvas will copy all your currently visible layers as a single flat image. Cut and Copy will only affect your current layer or selection. Paste will only be available if the clipboard contains compatible content.
11.2

Canvas actions
Perspective Guide

Create 1, 2, or 3 point perspective guides that are unique for each canvas.
Read more about Perspective Guides on page 240.
Flip canvas

To flip your canvas, select the ‘Flip horizontally’ or ‘Flip vertically’ options. Your canvas will flip instantly.
Canvas Information

Tap Canvas Information to see all sorts of details about your canvas, including how many strokes you’ve made, how big the file is, and the length of your Time-lapse Recording.
Sharing artwork
Select a file format

Procreate features several file formats with varying features suiting different purposes. Tap one of the six formats to share your artwork instantly.
Supported file formats

JPEG, PNG, and TIFF will all export as flat images, and PSD and Procreate files will retain your layers and associated data.

**Procreate**
The native format used for storing all artwork data inside the app. If using the .procreate format, all layer information will be kept intact.

**JPEG**
A “lossy” format that will flatten your artwork into a single layer. JPEG format is great for quickly sharing an image as the file size is smaller than other formats.

**Photoshop**
A standard PSD that will export layers, layer names, opacity, visibility and blend modes exactly as per your Procreate doc.

**PNG**
PNG will flatten your artwork and retain full quality (we call this “lossless”). While slightly larger in file size, PNG will also save any transparency you have in your artwork.

**TIFF**
A lossless flat image, the Tagged Image File Format is useful for compatibility with some other applications, and in certain print workflows.

**PDF**
This format is intended for digital distribution, and is great for sending to print houses and publishers.
Share Destinations

Procreate uses the iOS Sharing system so you can share directly to Files app, AirDrop, AirPrint, and any app or service that provides a document extension.
11.4

Video actions
Time-lapse Replay

While you create your artwork, Procreate is always recording in glorious high definition. In this tab you can toggle your Time-lapse recording, view your Time-lapse Replay, export your Time-lapse, or start a Live Broadcast.
Watch a Time-lapse Replay

Just tap the Time-lapse Replay button to instantly start a replay of your Time-lapse, right on your canvas.
Time-lapse controls

While the video is playing, you can scrub backwards and forwards by dragging your finger across the canvas. You can pinch-zoom and move the canvas as normal while the video is playing, allowing you to change your viewpoint at any time. Tap the Done button to exit Time-lapse Replay.
Disable Time-lapse Recording

You can turn Time-lapse Recording on or off at any time, on a per-canvas basis, by flipping the Time-lapse Recording switch. You’ll be asked if you wish to purge existing video. If you choose Purge, all existing video will be permanently deleted.
Time-lapse video quality

You can set the quality for your Time-lapse Recording in the Pocket section of your iPhone’s Settings app. Any changes here will only apply to new canvases created after the change.
Sharing Time-lapse videos

Seeing how someone creates a masterpiece can be just as interesting as the finished product. Procreate can export your video to Photos, Mail, Files App or any connected service. The video will be automatically sped up too, to keep it interesting.
Live Broadcast

Broadcast live on your favorite streaming service, straight from Procreate. Tapping the Start Live Broadcast button will bring up a choice of any installed compatible broadcast applications.
Finding a broadcaster

Procreate Pocket’s Live Broadcast works in conjunction with any compatible video streaming service. Once you find a broadcasting service that suits you, and you’ve installed and set up the streaming app, you can start broadcasting.
Going Live!

Once you’ve chosen a broadcaster, that application will bring up an interface. You’ll usually be required to choose a title, and tap a button that commences the broadcast.
Broadcast video controls

Tapping the blue Video button while a broadcast is active will bring up other controls. Here you can toggle the camera or microphone mid-broadcast, or stop the broadcast. The first time you broadcast, the microphone will be on by default.
Preferences
Brush Cursor

With Brush Cursor on, the outline of your Brush Shape will always appear when you touch the canvas, so you can see the outline of the marks you’re making, even at low opacities.
AirPlay Canvas

When you mirror your iPad to a second display with AirPlay Canvas active, the second display will show only your canvas in full screen. There'll be no interface, no zoom, and no interruptions.
Rapid Undo delay

Hold down two fingers on the canvas to invoke Rapid Undo, or three fingers to invoke Rapid Redo. This slider controls how long you have to hold before Rapid Undo or Redo will invoke.
Auto-hide interface

Auto-hide interface is disabled by default. When enabled, the interface will hide automatically as soon as you begin painting. When you lift off the canvas, the interface will return after the set delay.
QuickLine Delay

Adjust this slider to change the delay until QuickLine invokes. Drag the slider to the left to decrease the delay, or drag to the right to increase it. Drag the slider all the way to the left to deactivate QuickLine completely.
Selection visibility

Adjust this slider to increase or decrease the visibility of the Selection mask.
11.6

Connecting styluses
Connect your stylus

When you open the stylus menu, you'll see a list of the supported device families. Just tap your desired stylus brand and Procreate will scan for your device. Once the stylus is found, the panel will update to reveal applicable options.
Stylus Customization

Choose a function to assign to your stylus button(s) for quick and easy access. Think about which features you use the most and see if they are there!
Editing basic pressure

You can change how your brushes respond to stylus pressure in the Pressure tab of Brush Settings. See page 53 for more information.
Editing advanced pressure

For adjustments to overall pressure response, tap ‘Edit Pressure Curve’ in the Prefs tab of the Actions menu. While you can configure pressure behavior per brush, Pressure Curve allows you to modify the *overall* sensitivity to suit your drawing style.
Pressure Curve examples

Linear
This is the default setting. Procreate Pocket will read your pressure exactly as it’s delivered.

Aggressive
Quickly ramp up the pressure towards maximum as you press. Great for folks who have a delicate touch.

Subtle
Pressure adds much more slowly, but ramps up as you press really hard. Suited to people who like to press hard on the screen.
Help & Support
Restore Purchases

Procreate Pocket doesn’t currently have any in-app purchases, but if you’ve purchased any items in the past, you can restore them here. If you’ve reinstalled Procreate Pocket or moved to a new device, don’t panic - you can easily restore any extra items you’ve purchased. Just tap this button to bring back any purchases attached to your account.
Advanced Settings

Tap this to be taken straight to the Procreate Pocket section of your iPhone’s Settings app to access advanced options like Rotation Lock, Time-lapse Recording Quality, and Simplified Undos. See page 253 to learn more.
Customer Support

Communication is vital to us making Procreate Pocket a better product - and we love hearing from you! Tapping Support will launch your web browser and take you to the Procreate Support page.
Procreate Portfolio

Join the Procreate community. Tap this button to launch a web browser and be taken to the Procreate Portfolio. You can browse the Showcase, participate in Discussions, and upload your artwork to your very own Procreate Portfolio.
Leave a Review

Tapping this button will take you to the App Store, where you can let us know what you think of Procreate Pocket. Every review means the world to us.
Perspective guides

Go on, make a scene.
12.1

Creating a Perspective Guide
Editing mode

Enable Perspective Guide on your artwork by flipping the Perspective Guide toggle switch. Once the guide is enabled, you can edit it by tapping ‘Edit Perspective Guide’.
Creating vanishing points

Simply tap anywhere to add a new vanishing point and drag it around to position it. You can create up to three vanishing points per perspective guide.
Single point perspective

One-point Perspective, also called Parallel Perspective, is the simplest form of perspective because all objects are parallel to you, the artist. Vertical lines are parallel and horizontal lines are parallel to the horizon line.
Two-point perspective

Two-point Perspective uses two points placed on the horizon line. Sometimes referred to as Angular Perspective, a two-point perspective is used when shapes are being viewed diagonally, or turned at an angle.
Three-point perspective

A Three-point Perspective can create a very convincing three-dimensional drawing. Two vanishing points are along the horizon, just like two-point, but the third vanishing point is located above or below the horizon.
Removing vanishing points

Tap on a point again to show the Delete menu. Tap Delete to remove the point.
12.2

Perspective assisted drawing
Perspective Assist

Create technically accurate drawings while Procreate does the heavy lifting. Activate Perspective Assist to have strokes line up with your guide like magic.
Draw like a pro

Every time you draw a stroke with any of the tools on a Perspective Assisted layer, the stroke will automatically head towards (or away from) the appropriate vanishing point.
Use multiple layers

Any layer that doesn't have Perspective Assist enabled works like an ordinary layer. Try making shape outlines with a Perspective Assist layer, and then doing your shading work in another layer entirely.
Chapter 13.

Application Settings

Set and forget.
Access Advanced Settings

Tapping this button will take you straight to the Procreate section of your iPad’s Settings app, where you’ll find all of Procreate’s advanced settings and options.
Advanced Settings explained

- Toggle the ability to rotate your canvas or selection with the pinch gesture.
- Toggle whether the canvas remembers your manual rotation.
- Toggles whether the canvas will fit inside or be overlaid by the Procreate interface.
- Select your Palm Support level. Palm Support is Disabled by default.
- Toggle Time-lapse recording and set Time-lapse video quality options for new canvases.
- Toggle whether Undo steps within modes are retained separately or combined into a single step.
- Determines the distance a stroke must travel before Speed is reported as 100%. If you find that brushes with speed-based settings are too sudden or too sluggish for you, try changing this setting.
Time-lapse recording quality

Procreate records every stroke, without interruption. Choose the correct quality setting for the work you do.

**Normal**

This setting produces the smallest file size. Use this if you’re concerned about file size or storage space but still want to use the video option.

**High**

This setting produces a balanced quality and file size, and is the best choice if you want to share video frequently.

**Studio**

This produces the highest-quality video and the largest file size. Use this setting for professional video distribution or making video tutorials.
Chapter 14.

Credits

Big thanks to our amazing artists.

Page 1
Velvet
Janice Sung
(2018)

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Page 3
Treehouse
Alexander Zutto
(2018)

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Page 4
Nectarine
Janice Sung
(2018)

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Page 7
C–23
Goro Fujita
(2018)

---

Page 8
Drifting
Aaron Griffin
(2018)

---

Page 35
Garden
Monez Gusmang
(2018)

---

Page 66
Stroll
Mikko Eerola
(2018)

---

Page 69
Red Hills
Mikko Eerola
(2018)

---

Page 70
Oriental Harbour Spires
Sam Michlap
(2018)
Page 74
*Alleyway*
Nickolai Lockerston (2018)
---
Page 110
*Sorceress*
Jarom Vogel (2018)
---
Page 152
*The Venturers*
Beatrice Blue (2018)
---
Page 197
*Buddies*
Colie Wertz (2018)
---
Page 241
*Summer Bird*
Stephanie Fizer Coleman (2018)
---
Page 259
*Untitled Work*
Will Paterson (2018)