



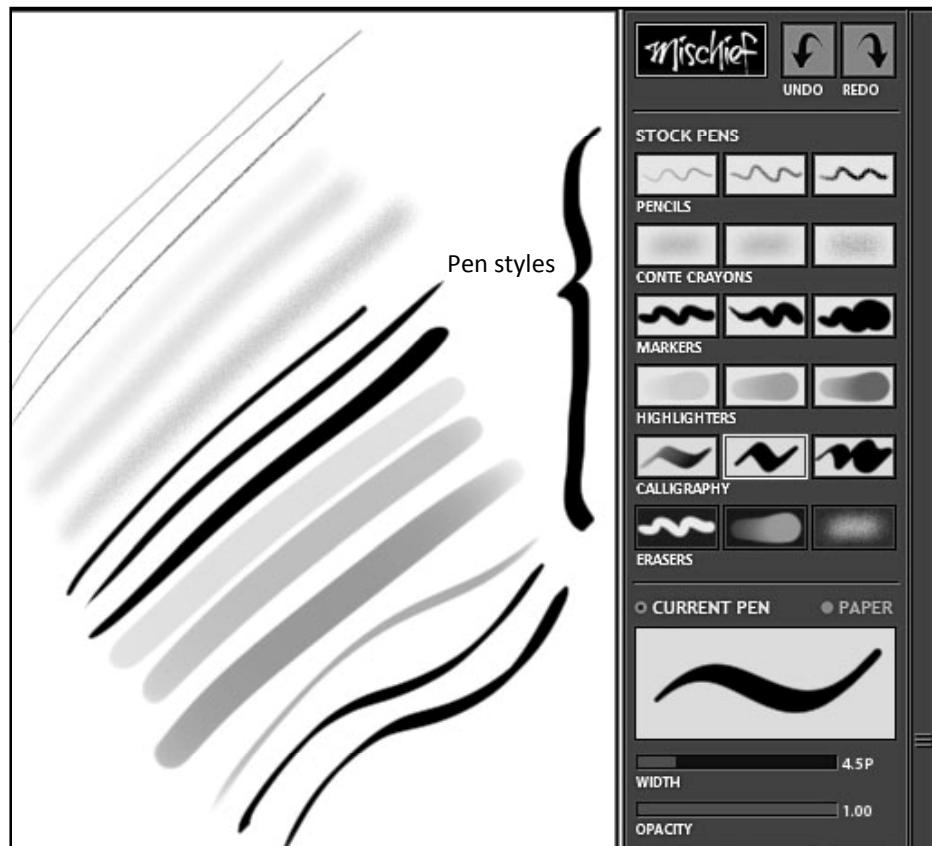
Mischief

1.12 User Guide



Mischief is designed for simplicity. Pen and paper styles, tool selection, layers, and all the essentials are right at your fingertips. Menus are simple and easy to access. With Mischief's infinite canvas and infinite resolution, there is no need to pre-plan your page size. Just open the application, pick up your stylus, and start drawing.

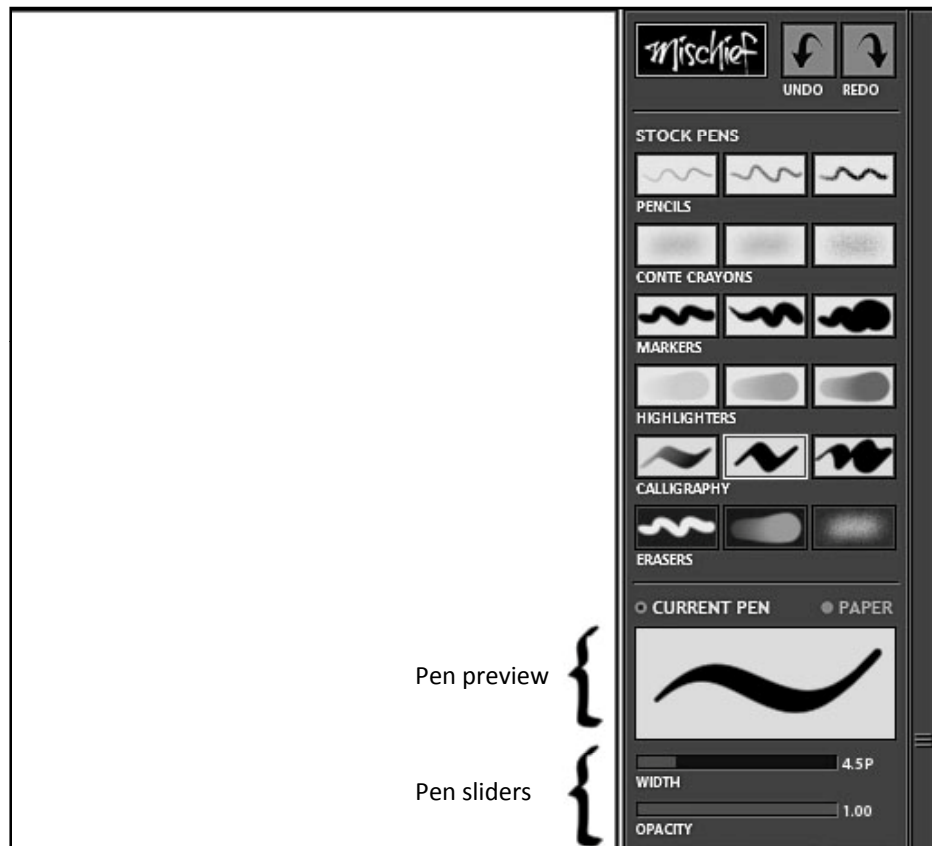
Tip: You can hide the tool panel or move it to either side of the screen from the Window menu.



Pens

Mischief comes with a variety of pressure sensitive pen and eraser styles. Select a pen or eraser from the tool panel or use shortcut keys to select the most recently used pen or eraser.

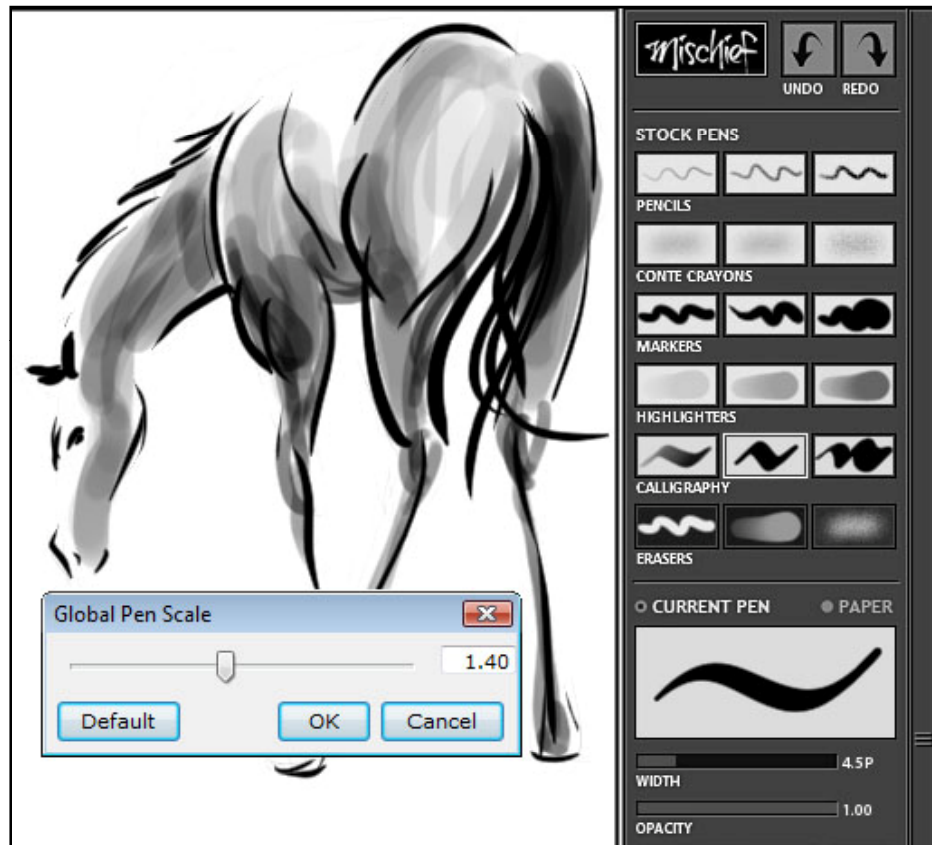
Tip: Shortcut keys are listed in the Shortcut Keys and Tips menu item of the Help menu on Windows systems or the Mischief menu on Macs. They are also listed at the end of this document.



Pens

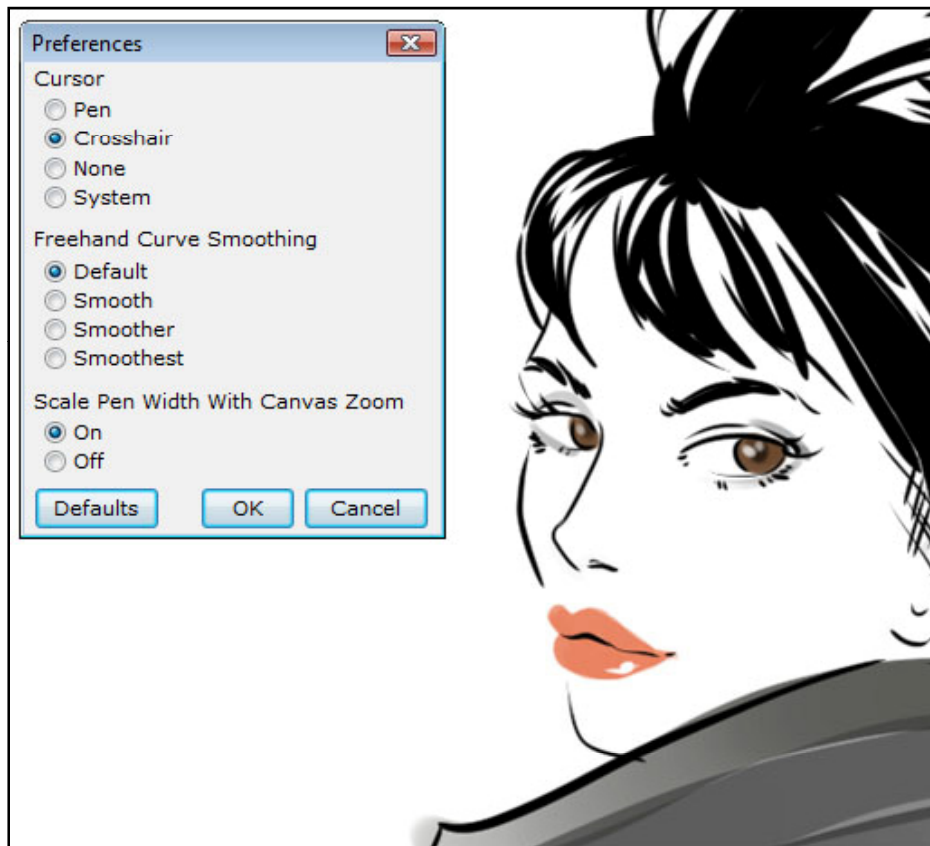
The current pen is visible in the pen preview window of the tool panel, which reflects any changes you make to the pen's width or opacity using the width and opacity sliders. Shortcut keys can also be used to change the width and opacity of your current pen or eraser.

Tip: Reset default pen widths and opacities from the Edit/Reset Defaults menu item.



Pens

Make global adjustments to the stroke widths in your drawing using the Edit/Global Pen Width menu item. This is handy to fine tune line widths for printer output or for changing the weight of an inked drawing.



Pens

It is sometimes convenient to force the pen width to scale up and down as you zoom in and out. This allows you to achieve a consistent line width.

You can force the pen width to scale with the canvas zoom from the Edit/Preferences menu or you can turn this feature on and off using shortcut keys.

Tip: The minimum and maximum pen widths are limited during large zooms.

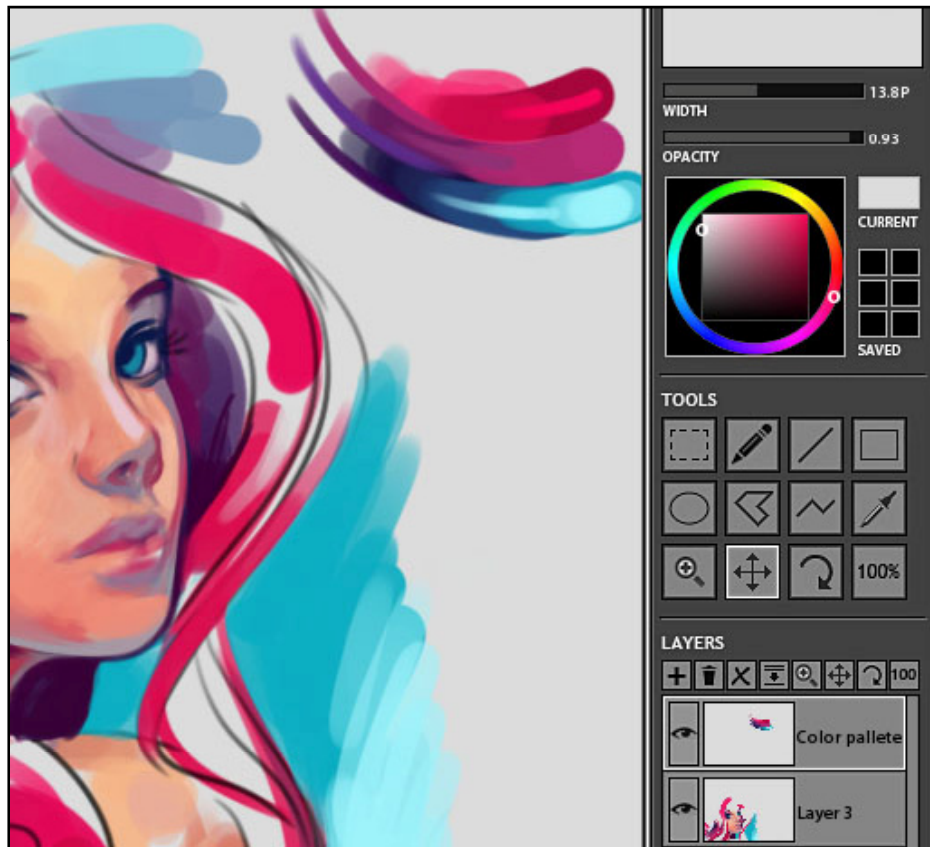
Tip: You can restart this feature at any scale by toggling it on and off.



Color

Mischief has a simple color wheel for setting hue, saturation and value. Save a color by dragging it into one of the save color boxes. You can also use the color picker to select a color from your artwork or an image imported into your canvas.

Tip: Saved colors are saved along with your canvas.



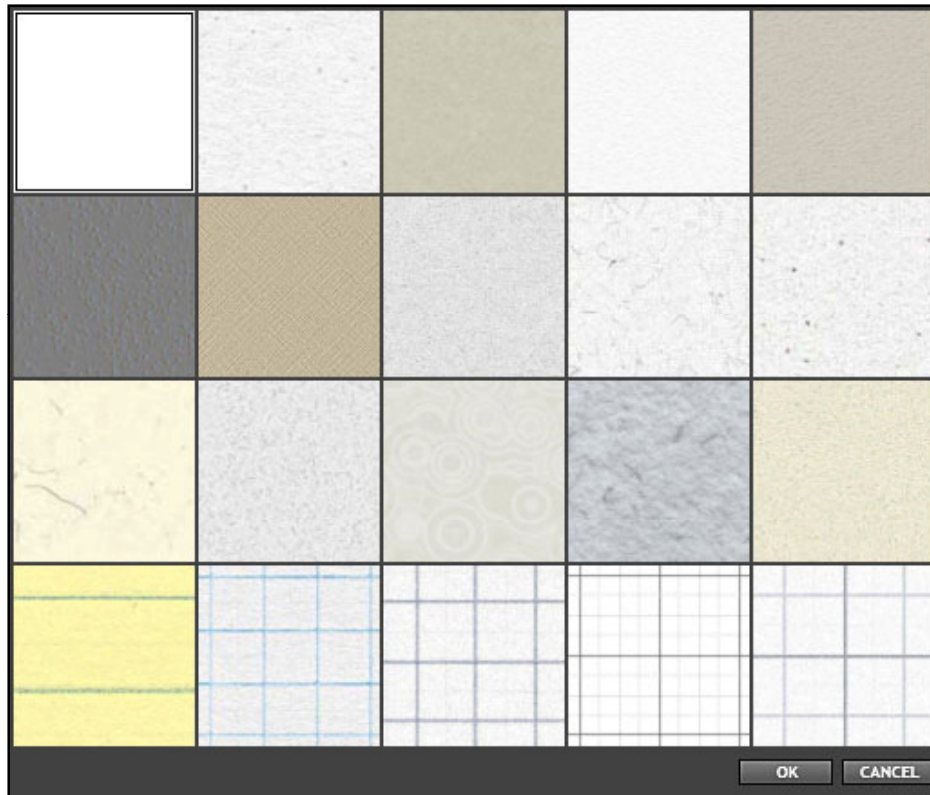
Color

Tip: Use a portion of your canvas as a custom color palette and select colors from your custom color palette using the color picker tool. If you put this on a separate layer, you can move and scale it independently from the rest of your canvas and delete it when you are finished with your artwork.



Paper

The paper is the background layer of a Mischief canvas. When you click on the paper tab of the tool panel, the paper preview window replaces the pen preview window and you will be able to edit the paper color.



Paper

Clicking on the paper preview window opens a selection of paper textures. Select a paper texture by clicking on a texture image. Close the texture selection by double clicking on a texture image or hitting the OK or Cancel button.



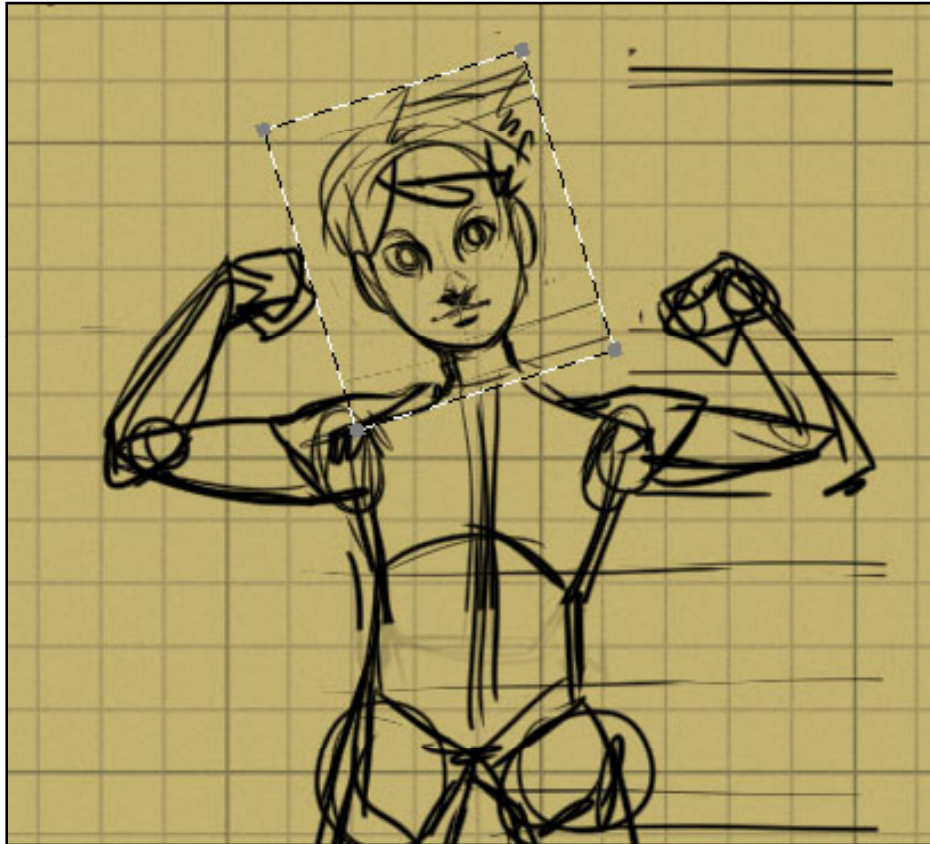
Paper

Tint a paper texture using the color wheel. Modify the texture strength using the texture strength slider.



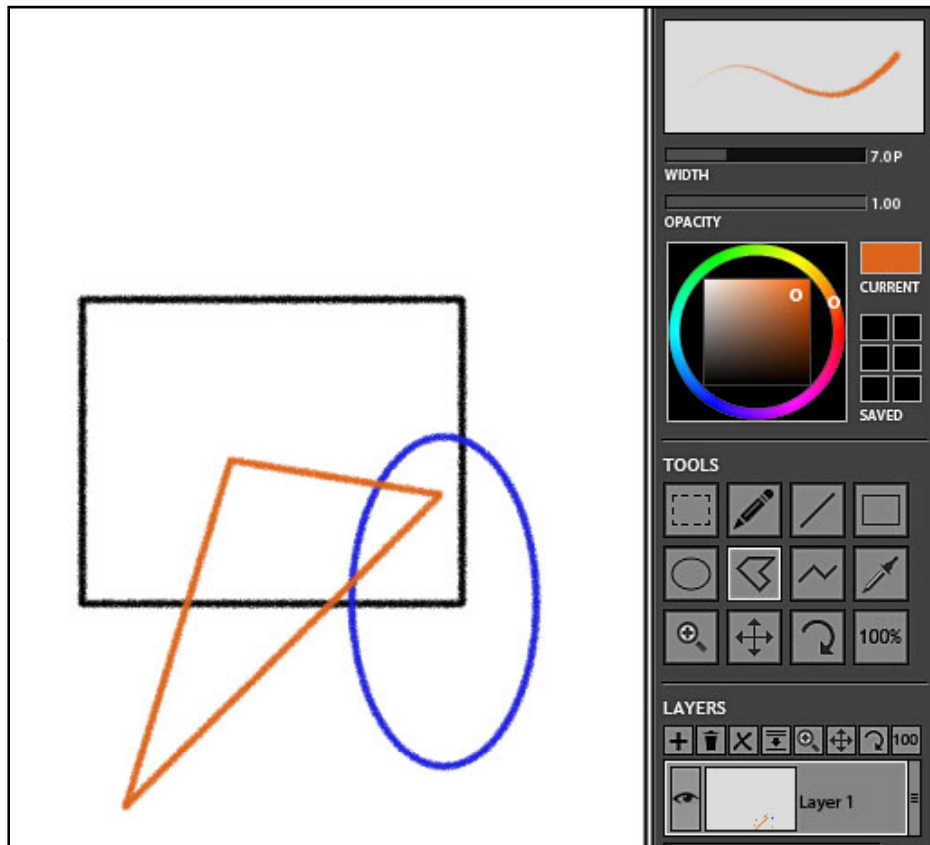
Selection

Use the selection tool to select a region of your canvas for cut, copy and paste operations, or for export. Shortcut keys are available for these operations and for deselecting a region.



Select and Transform

Use the selection tool to select a region of your canvas and then choose Transform Selection from the Edit Menu. This allows you to move, scale, and rotate the selected region, for example, to adjust the proportions or pose of a model.

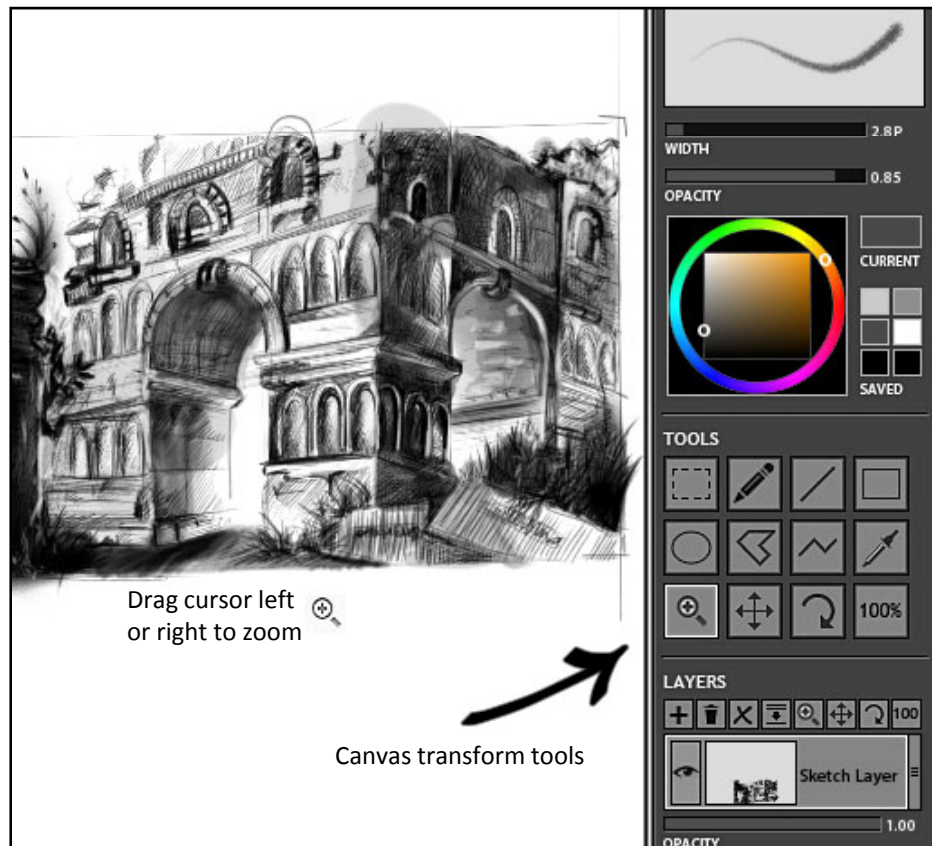


Geometric tools

Mischief provides a small set of geometric tools for your convenience. These will be drawn with the current pen or eraser style.

Tip: Double click or hit escape to close a polygon or finish a polyline.

Tip: Use geometric tools to create page boundaries or panels if you are uncomfortable with the infinite canvas.

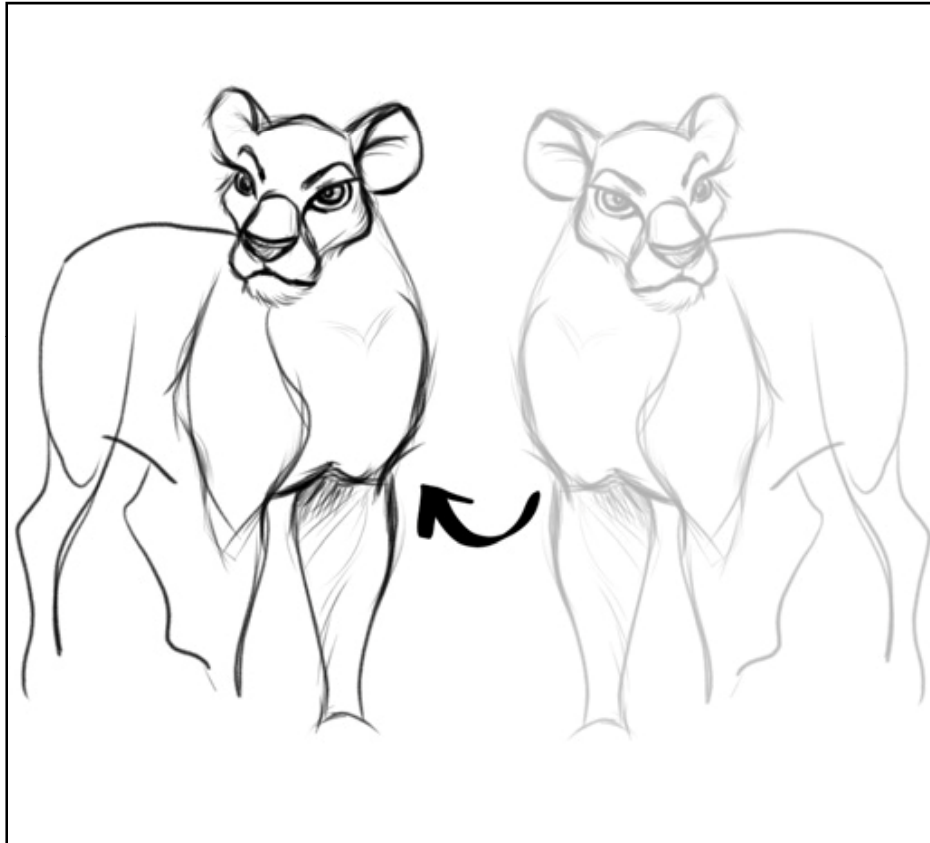


Navigation

Transforms such as zoom and rotate are applied about your mouse down point. To zoom or rotate, place your pen on the canvas and drag it to the left or right.

Tip: In addition to selecting transform tools from the tool panel, there are shortcut keys to select transform tools and shortcut keys to put Mischief into transform mode temporarily.

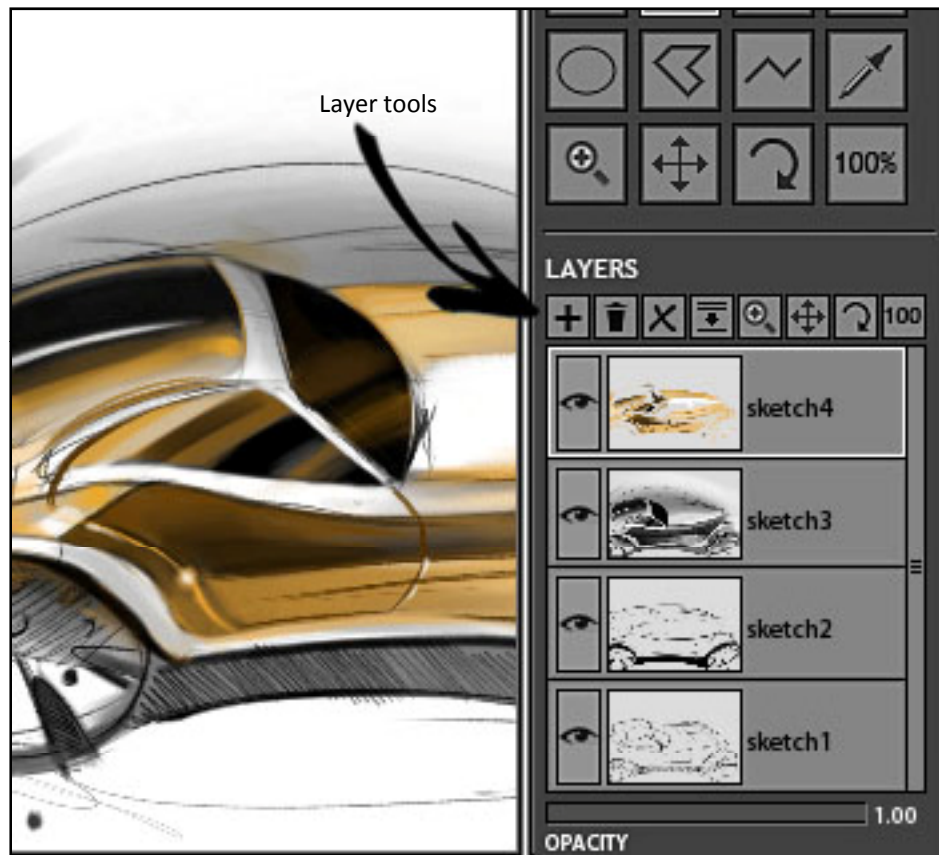
Tip: It's easy to get lost in Mischief's infinite canvas. Use Ctrl+R to reset the canvas to its original position or Ctrl+Shift+R to center and scale your artwork to fit the display window.



Flipping

You can flip the canvas or the currently active layer both horizontally and vertically.

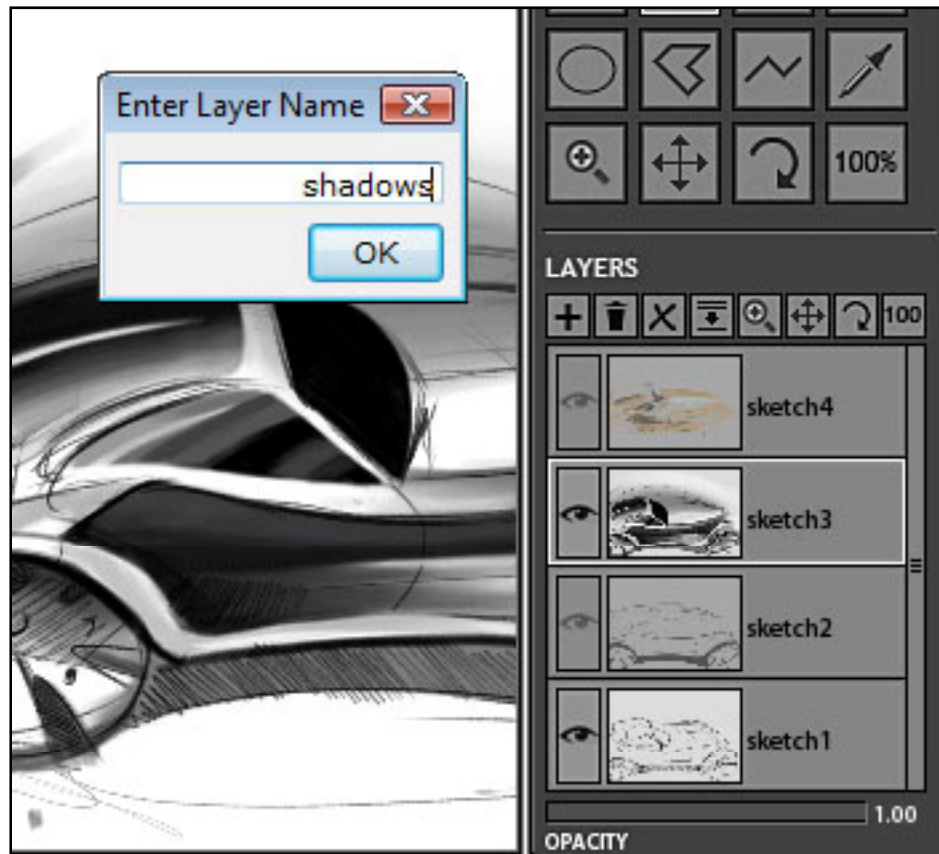
Tip: Perform canvas flipping via the Edit menu and layer flipping via the Layers menu or use shortcut keys.



Layers

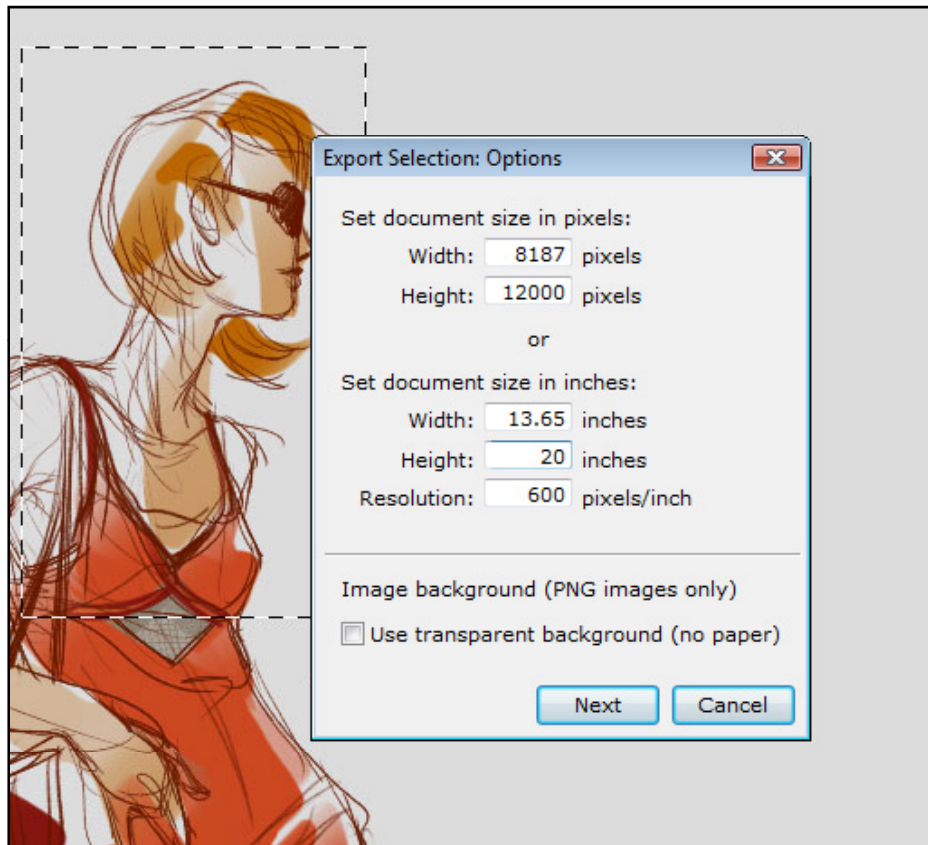
Layers can be added, deleted, cleared, or merged down using the tools in the layers area of the tool panel. The layer zoom, pan and rotate tools work the same way as the canvas transform tools.

Tip: If one of the layer transform tools is selected, transform shortcut keys will activate layer transforms. Otherwise they activate canvas transforms.



Layers

Turn layer visibility on or off using the layer visibility buttons. Grab and drag a layer panel to move it up or down in the layer order. Double click on a layer panel to rename a layer. Use the layer opacity slider to change the opacity of the selected layer.

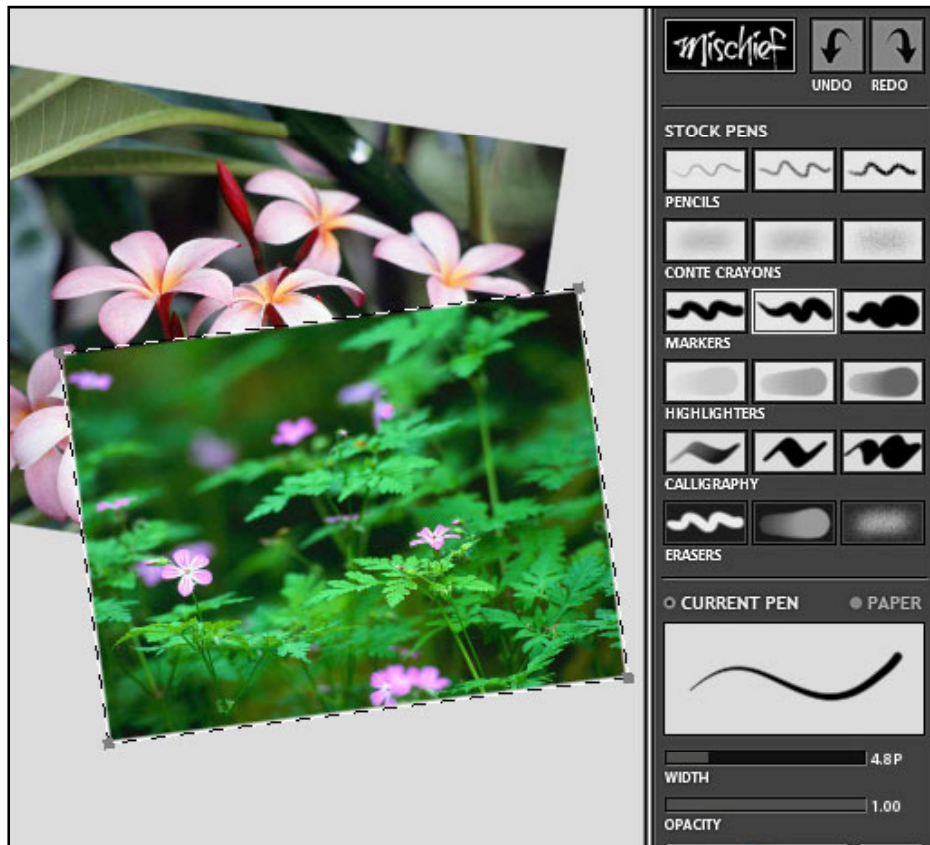


Export

Mischief can export images in JPEG, PNG, and layered Photoshop PSD file formats. PNG images can be exported with a transparent background (i.e., without the canvas paper).

You can export a selection region or the part of your canvas that is visible in the display window. Set the size of the exported image in pixels or inches.

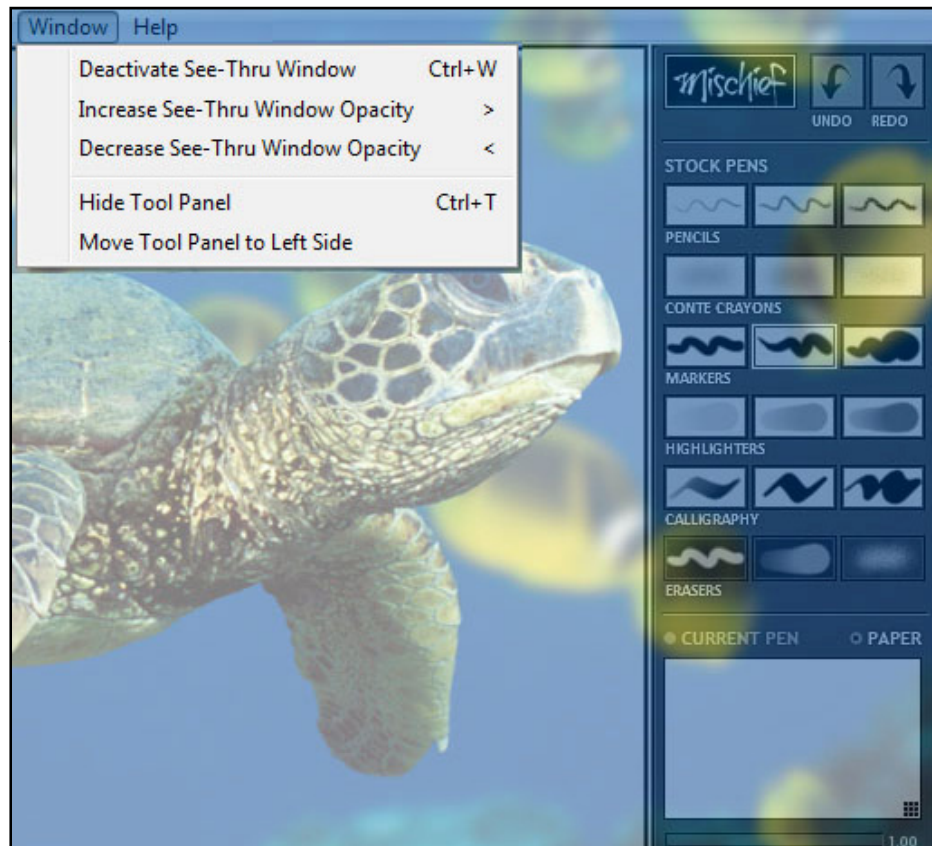
Next, choose the file type and set the file name.



Import

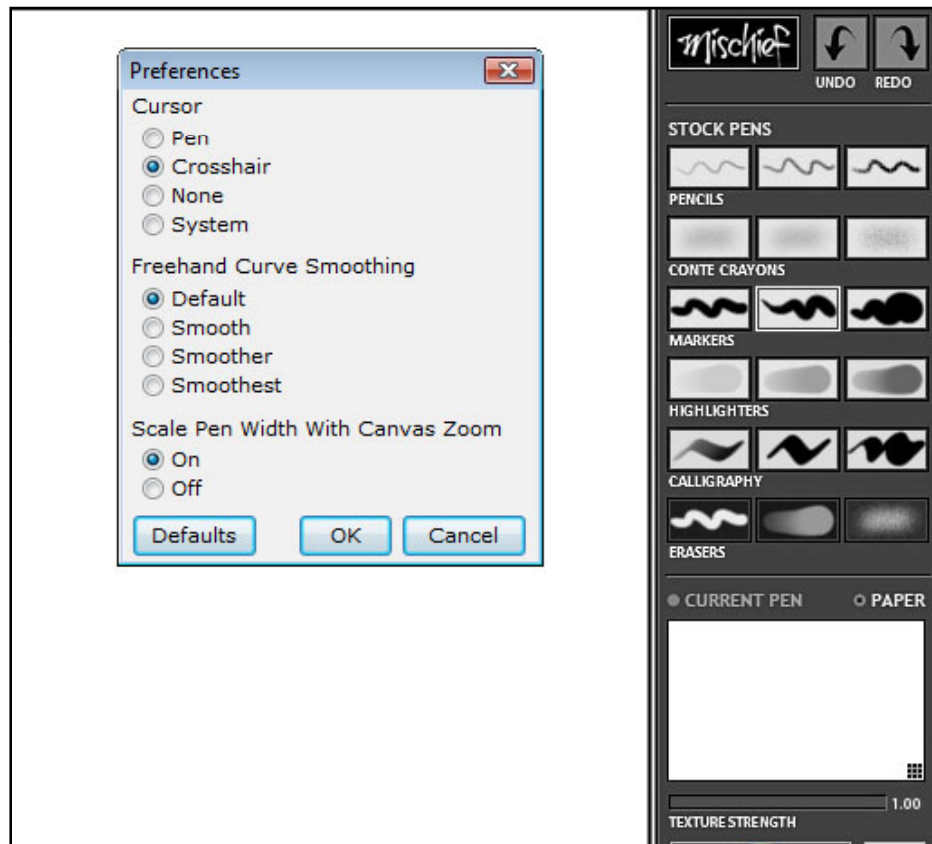
Import JPEG and PNG images into a new layer, where they can be scaled, rotated, and positioned.

Tip: PNG images with transparent backgrounds are also supported.



See-thru window

Use the see-thru window in the Window menu to make Mischief semi-transparent, allowing you to reference images or video placed behind Mischief.

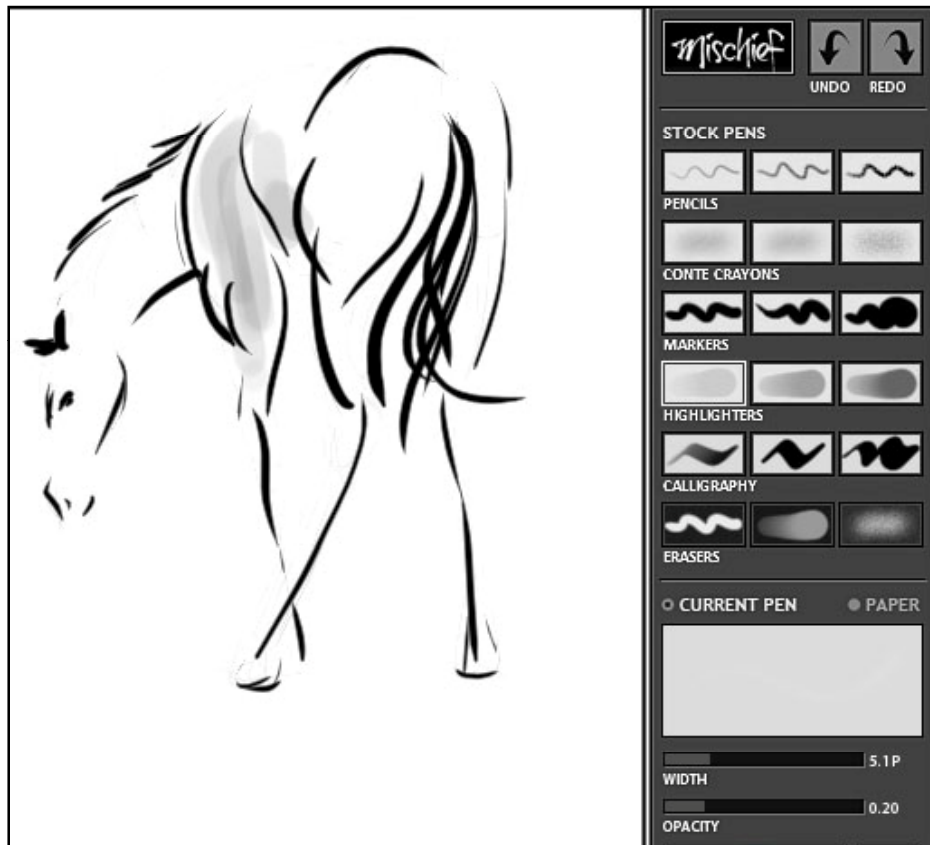


Preferences

Change the cursor style, adjust curve smoothing, or force the pen width to scale with the canvas zoom from the Edit/Preferences menu item.

Tip: When the pen cursor is selected, the cursor size reflects the maximum pen width.

Tip: The cursor and scaling the pen width with zoom can both be toggled on and off with shortcut keys.



Playback

Use the infinite undo and redo capabilities of Mischief to playback your drawing experience.

Tip: use the following shortcut keys for playback (save your artwork first!)

Shift+F1 to undo all strokes

Shift+F2 to redo all strokes

Shift+F3 to redo 10 strokes

Shortcut Keys for Windows

EXIT MISCHIEF		LAYERS		CONTINUOUS TRANSFORMS	
Exit Mischief	Ctrl+Q	New Layer	Shift+Ctrl+N	Continuous transforms are centered at the mouse down point. To transform, drag the mouse away from the mouse down point.	
FILE IO		Move Selected Layer Up	Ctrl+]	If any tool other than a layer transform tool is currently selected:	
New File	Ctrl+N	Move Selected Layer Down	Ctrl+[
Open File	Ctrl+O	TOOL SELECTION		Pan Canvas	
Save File	Ctrl+S	Pen & Freehand Tool	B	Zoom Canvas	
Save File As	Shift+Ctrl+S	Eraser & Freehand Tool	E	Rotate Canvas	
IMPORT/EXPORT IMAGES		Color Picker Tool	I	If a layer transform tool is currently selected:	
Import: JPG, PNG	Ctrl+I	Zoom Tool	Z	Pan Layer	
Export Selection: JPG, PNG, PSD	Ctrl+E	Rotate Tool	R	Zoom Layer	
EDITING		Pan Tool	H	Rotate Layer	
Undo	Ctrl+Z	Pick Color	Alt+Left Click	DISCRETE TRANSFORMS	
Redo	Shift+Ctrl+Z	PEN EDITING		Reset Canvas View	
SELECTION		Decrease Pen Width	[or ,	Center and Scale Artwork	
De-select Selection	Ctrl+D	Increase Pen Width] or .	Discrete Zoom Up	
Cut Selection	Ctrl+X	Decrease Pen Opacity	{ or ;	Discrete Zoom Down	
Copy Selection	Ctrl+C	Increase Pen Opacity	} or :	NUDGING	
Paste Selection	Ctrl+V	Scale Pen Width with Zoom On/Off	O / F	Nudge selection rectangle or nudge during panning	
Transform Selection	Ctrl+T	USER INTERFACE PREFERENCES		Nudge Right	
CANVAS AND LAYER FLIPPING		Toggle Cursor On/Off	C	Nudge Left	
Flip Canvas Horizontal	Ctrl+F	Toggle Tool Panel On/Off	Ctrl+T	Nudge Up	
Flip Canvas Vertical	Ctrl+U	SEE-THRU WINDOW		Nudge Down	
Flip Layer Horizontal	Shift+Ctrl+F	See-Thru Window On/Off	Ctrl+W		
Flip Layer Vertical	Shift+Ctrl+U	See-Thru Window Opacity ↑	>		
		See-Thru Window Opacity ↓	<		

Shortcut Keys for Mac OS

EXIT MISCHIEF		LAYERS		CONTINUOUS TRANSFORMS	
Exit Mischief	Cmd+Q	New Layer	Shift+Cmd+N	Continuous transforms are centered at the mouse down point. To transform, drag the mouse away from the mouse down point.	
FILE IO		Move Selected Layer Up	Cmd+]	If any tool other than a layer transform tool is currently selected:	
New File	Cmd+N	Move Selected Layer Down	Cmd+[
Open File	Cmd+O	TOOL SELECTION		Pan Canvas	
Save File	Cmd+S	Pen & Freehand Tool	B	Zoom Canvas	
Save File As	Shift+Cmd+S	Eraser & Freehand Tool	E	Rotate Canvas	
IMPORT/EXPORT IMAGES		Color Picker Tool	I	If a layer transform tool is currently selected:	
Import: JPG, PNG	Cmd+I	Zoom Tool	Z	Pan Layer	
Export Selection: JPG, PNG, PSD	Cmd+E	Rotate Tool	R	Zoom Layer	
EDITING		Pan Tool	H	Rotate Layer	
Undo	Cmd+Z	Pick Color	Alt+Left Click	DISCRETE TRANSFORMS	
Redo	Shift+Cmd+Z	PEN EDITING		Reset Canvas View	Cmd+R
SELECTION		Decrease Pen Width	[or ,	Center and Scale Artwork	Shift+Cmd+R
De-select Selection	Cmd+D	Increase Pen Width] or .	Discrete Zoom Up	+
Cut Selection	Cmd+X	Decrease Pen Opacity	{ or ;	Discrete Zoom Down	-
Copy Selection	Cmd+C	Increase Pen Opacity	} or :	NUDGING	
Paste Selection	Cmd+V	Scale Pen Width with Zoom On/Off	O / F	Nudge selection rectangle or nudge during panning	
Transform Selection	Cmd+T	USER INTERFACE PREFERENCES		Nudge Right	Right-Arrow Key
CANVAS AND LAYER FLIPPING		Toggle Cursor On/Off	C	Nudge Left	Left-Arrow Key
Flip Canvas Horizontal	Cmd+F	Toggle Tool Panel On/Off	Cmd+T	Nudge Up	Up-Arrow Key
Flip Canvas Vertical	Cmd+U	SEE-THRU WINDOW		Nudge Down	Down-Arrow Key
Flip Layer Horizontal	Shift+Cmd+F	See-Thru Window On/Off	Cmd+W		
Flip Layer Vertical	Shift+Cmd+U	See-Thru Window Opacity ↑	>		
		See-Thru Window Opacity ↓	<		



Questions?

Visit our web site:

www.madewithmischief.com

or contact us with comments,
questions, or requests at:

support@madewithmischief.com.