



## TOOLS

V.....	Selection	U.....	Mesh
A.....	Direct Selection	G.....	Gradient
Y.....	Magic Wand	I.....	Eyedropper
Q.....	Lasso	W.....	Blend
P.....	Pen	K.....	Live Paint Bucket
+.....	Add Anchor point	Shift-L...	Live Paint Selection
-.....	Delete Anchor point	Shift-O...	Crop Area
Shift-C ..	Convert Anchor point	Shift-K ..	Slice
T.....	Type	Shift-E ..	Eraser
\.....	Line Segment	C.....	Scissors
M.....	Rectangle	H.....	Hand
L.....	Ellipse	Z.....	Zoom
B.....	Paintbrush	X.....	Toggle between Fill & Stroke
N.....	Pencil	Shift-X...	Swap Fill & Stroke
R.....	Rotate	D.....	Default Fill & Stroke (white fill/black stroke)
O.....	Reflect	<.....	Fill or Stroke w/Color
S.....	Scale	>.....	Fill or Stroke w/Gradient
Shift-R ..	Warp	/.....	Fill or Stroke w/None
E.....	Free Transform	F.....	Cycle through Screen Modes
Shift-S...	Symbol Sprayer		
J.....	Column Graph		

Double-click tools to bring up options.  
 Press CAPS LOCK to change tool pointer to cross hair.  
 Hold down Shift to constrain movement to 45°, 90°, 135°, or 180°.

## SELECTING AND MOVING

To access Selection or Direction Selection tool (whichever was used last) at any time.....	⌘ (Command)
To switch between Selection and Direct Selection tools.....	⌘-Option-Tab
To cycle through tools behind column tool.....	Option-click tool
To make copy while dragging.....	Option
To add to a selection.....	Shift
Move Selection.....	Any arrow key
Move Selection 10 pts.....	Shift-any arrow key
Lock selected artwork.....	⌘-2
Lock all deselected artwork.....	⌘-Option-Shift-2
Unlock all artwork.....	⌘-Option-2
Hide selected artwork.....	⌘-3
Hide all deselected artwork.....	⌘-Option-Shift-3
Show all artwork.....	⌘-Option-3

## PATH EDITING

Join and Average at same time.....	⌘-Option-Shift-J
Convert Anchor Point tool from Pen tool.....	Option
Switch between Add Anchor Point and Delete Anchor Point tools.....	Option
Add Anchor Point tool from Scissors tool.....	Option
Move anchor point while drawing with Pen tool.....	Spacebar
Create closed path with Pencil or Paintbrush tool..... ..... when finished drawing, hold Option and release mouse	
Connect to an open (& selected) path with Pencil.....	⌘-drag

## PAINTING AND TRANSFORMING

Eyedropper tool from Live Paint Bucket tool.....	Option
Samples intermediate color from gradient, picture, etc. with eyedropper.....	Shift
Sets center point and shows dialog.....	Option-click with Tool
Duplicates and transforms selection.....	Option-drag
Transform pattern without transforming object.....	~(tilde)-drag
Scale proportionally with Selection tool.....	Shift-drag bounding box
Scale from center with Selection tool.....	Option-drag bounding box
Move mesh point along path with Mesh tool.....	Shift-drag
Add mesh point with Mesh tool without changing color.....	Shift-click
Remove mesh point with Mesh tool.....	Option-click

## SHAPES (WHILE DRAWING)

Draw from center.....	Option
Draw from center with dialog.....	Option-click
Constrain proportion.....	Shift
Constrain orientation of polygons, stars, spirals.....	Shift
Move object while drawing.....	Spacebar
Add/subtract sides, points, spiral segments.....	Up or Down Arrow
Decrease inner radius.....	⌘
Create Continuous duplicates along mouse movement.....	hold ~ while Dragging

## VIEWING & GUIDES

Get Hand Tool (while NOT editing Type).....	Spacebar
Get Hand tool (while editing Type)..... ..... Hold ⌘, then Space. Then continue holding Space but let go of ⌘	
Zoom In Tool.....	⌘-Spacebar
Zoom Out Tool.....	⌘-Option-Spacebar
Zoom In to exact size.....	⌘-Option-Spacebar-drag
Hide/Show all tools and panels.....	Tab
Hide/Show all panels except toolbox.....	Shift-Tab
Switch between horizontal/vertical guide.... hold Option while dragging out a new guide	
Release Guide (turns it into a regular path).....	⌘-Shift-double-click

## TYPE

Decrease/Increase type size.....	⌘-Shift-< or >
Decrease/Increase leading.....	Option arrow up or down
Decrease/Increase kerning/tracking.....	Option arrow left or right
Kerning/tracking x 5.....	⌘-Option arrow left or right
Decrease/Increase baseline shift.....	Shift-Option arrow down or up
Baseline shift x 5.....	⌘-Option-Shift arrow down or up
Align type left, right, center.....	⌘-Shift-L, R, C
Justify with last line left aligned.....	⌘-Shift-J
Justify all line.....	⌘-Shift-F
Reset horizontal/vertical scale to 100%.....	⌘-Shift-X
Reset kerning or tracking to 0.....	⌘-Option-Q

## PANEL SHORTCUTS/FUNCTION KEYS

Show/Hide Brushes.....	F5
Show/Hide Color.....	F6
Show/Hide Layers.....	F7
Show/Hide Info.....	⌘-F8
Show/Hide Gradient.....	⌘-F9
Show/Hide Stroke.....	⌘-F10
Show/Hide Attributes.....	⌘-F11
Revert file.....	F12
Show/Hide Graphic Styles.....	Shift-F5
Show/Hide Appearance.....	Shift-F6
Show/Hide Align.....	Shift-F7
Show/Hide Transform.....	Shift-F8
Show/Hide Pathfinder.....	Shift-⌘-F9
Show/Hide Transparency.....	Shift-⌘-F10
Show/Hide Symbols.....	Shift-⌘-F11

## LAYERS PANEL SHORTCUTS

Toggle layer between Preview/Outline mode.....	⌘-click on eye
Show layer while turning-off all others.....	Option-click on eye
Select all items on layer.....	Option-click layer name
Copy selected item to different layer.....	Option-drag selection square in Layers panel
To create the new layer at the top of list.....	⌘-click
To create the new layer below selected layer.....	⌘-Option-click

## COLOR PANEL SHORTCUTS

Saturate/Desaturate current color.....	Shift-drag color slider
Change Color Mode.....	Shift-click color bar
Select compliment of current color.....	⌘-click color bar

## SWATCHES PANEL SHORTCUTS

Create a swatch as a global color.....	Hold ⌘-Shift while creating
Replace a swatch with another.....	Option-drag new swatch over old

## MISC.

(In any panel) Apply a value, but keep value highlighted in panel.....	Shift-Return
Create New Symbol.....	F8



<!--Exceptional computer graphics training.-->

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