

1. Select tools	
V	Move tool
M (Shift+M)	Rectangular or Elliptical Marquee tool
L (Shift+L)	Lasso tool or Polygonal/Magnetic Lasso tool
W (Shift+W)	Magic Wand tool, Quick Selection tool
C (Shift+C)	Crop tool, slide tool, slide select tool
I (Shift+I)	Eyedropper tool, Color Sampler tool, Note Tool, Count Tool
J (Shift+J)	Spot Healing Brush tool, Healing Brush tool, Patch tool, Red Eye tool
B (Shift+B)	Brush tool, Pencil tool, Color Replacement tool, Mixer Brush tool
S (Shift+S)	Clone Stamp tool, Pattern Stamp tool
Y (Shift+Y)	History Brush tool, Art History Brush tool
E (Shift+E)	Eraser tool, Background Eraser tool, Magic Eraser tool
G (Shift+G)	Gradient tool, Paint Bucket tool
O (Shift+O)	Dodge tool, Burn tool, Sponge tool
P (Shift+P)	Pen tool, Freeform Pen tool
T (Shift+T)	Horizontal, vertical Type tool or Type mask tool
A (Shift+A)	Path Selection tool, Direct Selection tool
U (Shift+U)	Rectangle tool, Rounded Rectangle tool, Ellipse tool, Polygon tool, Line tool, Custom Shape tool
K (Shift+K)	3D Object Rotate, Roll, Pan, Slide, Scale tool
N (Shift+N)	3D Camera Rotate, Roll, Pan, Walk, Zoom tool
H	Hand tool
R	Rotate View tool
Z	Zoom tool

<b>2. View images</b>	
Ctrl+Tab	Cycle through open documents
Shift+⌘+↶	Switch to previous document
Shift+⌘+W	Close a file in Photoshop and open Bridge
Q	Toggle between Standard mode and Quick Mask mode
F/Shift+F	Toggle (forward) between Standard screen mode, Maximized screen mode, Full screen mode, and Full screen mode with menu bar
Space+F/Space+Shift+F	Toggle (forward) canvas color
Double-click Hand tool	Fit image in window
⌘+1	Magnify 100%
Space	Switch to Hand tool (when not in text-edit mode)
Shift+drag	Simultaneously pan multiple documents simultaneously with Hand tool
⌘+Space	Switch to Zoom In tool
Option+Space	Switch to Zoom Out tool
Space+drag	Move Zoom marquee while dragging with the Zoom tool
Shift+return in Navigator panel zoom percentage box	Apply zoom percentage, and keep zoom percentage box active
⌘+drag over preview in Navigator panel	Zoom in on specified area of an image
Space+drag, / drag view area box in Navigator panel	Scroll image with Hand tool
Page Up/Page Down	Scroll up or down 1 screen
Shift+Page Up/Page Down	Scroll up or down 10 units
Home/End	Move view to upper-left corner or lower right corner
⌨ (backslash)	Toggle layer mask on/off as rubylith (layer mask must be selected)
<b>3. Puppet Warp</b>	
Esc	Cancel completely

⌘+Z	Undo last pin adjustment
⌘+A	Select all pins
⌘+D	Deselect all pins
Shift+click	Select multiple pins
Shift+drag	Move multiple selected pins
H	Temporarily hide pins

4. Refine Edge	
⌘+Option+R	Open the Refine Edge dialog box
F	Cycle forward through preview modes
Shift+F	Cycle backward through preview modes
X	Toggle between original image and selection preview
P	Toggle between original selection and refined version
J	Toggle radius preview on and off
E	Toggle between Refine Radius and Erase Refinements tools

5. Filter Gallery	
Option+click a filter	Apply a new filter on top of selected
Option+click a disclosure triangle	Open/close all disclosure triangles
⌘	Change Cancel button to Default
Option	Change Cancel button to Reset
⌘+Z	Undo/Redo
⌘+Shift+Z	Step forward
⌘+Option+Z	Step backward

6. Liquify	
W	Forward Warp tool
R	Reconstruct tool
C	Twirl Clockwise tool
S	Pucker tool
B	Bloat tool
O	Push Left tool
M	Mirror tool
T	Turbulence tool
F	Freeze Mask tool
D	Thaw Mask tool
Option+tool	Reverse direction for Bloat, Pucker, Push Left, and Mirror tools
Option+drag in preview with reconstruct tool, Displace, Amplitwist, / Affine mode selected	Continually sample the distortion
Arrow Left/ arrow right in Brush Size, Density, Pressure, Rate, / Turbulent Jitter text box	Decrease/increase brush size by 2 (or density, pressure, rate, or turbulent jitter by 1). Hold down Shift to decrease/increase by 10
Arrow Left/ arrow right with Brush Size, Density, Pressure, Rate, / Turbulent Jitter slider showing	Decrease/increase brush size by 2 (or density, pressure, rate, or turbulent jitter by 1). Hold down Shift to decrease/increase by 10
Tab	Cycle through controls on right from top
Shift+Tab	Cycle through controls on right from bottom
Option	Change Cancel to Reset

7. Vanishing Point	
X	Zoom 2x (temporary)
⌘+[+]/⌘+[-]	Zoom in
⌘+0 (zero)	Fit in view

Double-click Zoom tool	Zoom to center at 100%
$\square/\square$	Increase brush size (Brush, Stamp tools)
$\text{Shift}+\square/\text{Shift}+\square$	Increase brush hardness (Brush, Stamp tools)
$\text{⌘}+\text{Z}$	Undo last action
$\text{⌘}+\text{Shift}+\text{Z}$	Redo last action
$\text{⌘}+\text{D}$	Deselect all
$\text{⌘}+\text{H}$	Hide selection and planes
Arrow Keys	Move selection 1 pixel
$\text{Shift}+\text{Arrow Keys}$	Move selection 10 pixels
$\text{⌘}+\text{C}$	Copy
$\text{⌘}+\text{V}$	Paste
$\text{⌘}+\text{Shift}+\text{T}$	Repeat last duplicate and move
	Create a floating selection from the current selection
$\text{⌘}+\text{drag}$	Fill a selection with image under the pointer
$\text{⌘}+\text{Option}+\text{drag}$	Create a duplicate of the selection as a floating selection
$\text{Option}+\text{Shift}$ to rotate	Constrain selection to a 15° rotation
$\text{⌘}+\text{click the plane}$	Select a plane under another selected plane
$\text{⌘}+\text{drag}$	Create 90 degree plane off parent plane
Delete	Delete last node while creating plane
Double-click the Create Plane tool	Make a full canvas plane, square to the camera
$\text{⌘}+\text{Shift}+\text{H}$	Show/hide measurements (Photoshop Extended only)
$\text{⌘}+\text{E}$	Export to a DFX file (Photoshop Extended only)
$\text{⌘}+\text{Shift}+\text{E}$	Export to a 3DS file (Photoshop Extended only)

**8. Camera Raw Dialog Box**

Z	Zoom tool
H	Hand tool
I	White Balance tool
S	Color Sampler tool
C	Crop tool
A	Straighten tool
B	Spot Removal tool
E	Red Eye Removal tool
⌘+Option+1	Basic panel
⌘+Option+2	Tone Curve panel
⌘+Option+3	Detail panel
⌘+Option+4	HSL/Grayscale panel
⌘+Option+5	Split Toning panel
⌘+Option+6	Lens Corrections panel
⌘+Option+7	Camera Calibration panel
⌘+Option+8	Presets panel. (Mac OS Universal Access zoom shortcut must be disabled in System Preferences)
⌘+Option+9	Open Snapshots panel
⌘+Option+Shift+T	Parametric Curve Targeted Adjustment tool
⌘+Option+Shift+H	Hue Targeted Adjustment tool
⌘+Option+Shift+S	Saturation Targeted Adjustment tool
⌘+Option+Shift+L	Luminance Targeted Adjustment tool
⌘+Option+Shift+G	Grayscale Mix Targeted Adjustment tool
T	Last-used Targeted Adjustment tool
K	Adjustment Brush tool

	Graduated Filter tool
	Increase/decrease brush size
	Increase/decrease brush feather
	Increase/decrease Adjustment Brush tool flow in increments of 10
	Temporarily switch from Add to Erase mode for the Adjustment Brush tool, or from Erase to Add mode
	Increase/decrease temporary Adjustment Brush tool size
	Increase/decrease temporary Adjustment Brush tool feather
	Increase/decrease temporary Adjustment Brush tool flow in increments of 10
	Switch to New mode from Add or Erase mode of the Adjustment Brush tool or the Graduated Filter
	Toggle Auto Mask for Adjustment Brush tool
	Toggle Show Mask for Adjustment Brush tool
	Toggle pins for Adjustment Brush tool, Toggle overlay for Graduated Filter, Spot Removal tool, or Red Eye Removal tool.
	Rotate image
	Rotate image
	Zoom in / Zoom out
	Temporarily switch to Zoom In tool. (Doesn't work when Straighten tool is selected. If Crop tool is active, temporarily switches to Straighten tool.)
	Temporarily switch to Zoom Out tool and change the Open Image button to Open Copy and the Cancel button to Reset.
	Toggle preview
	Full screen mode
	Temporarily activate the White Balance tool and change the Open Image button to Open Object. (Does not work if Crop tool is active.)
Click the first point; +click additional points	Select multiple points in Curves panel
+click in preview	Add point to curve in Curves panel

Arrow Keys	Move selected point in Curves panel (1 unit)
Shift+Arrow Keys	Move selected point in Curves panel (10 units)
⌘+R	Open selected images in Camera Raw dialog box from Bridge
Shift+double-click image	Open selected images from Bridge bypassing Camera Raw dialog box
Option+drag Exposure, Recovery, / Black sliders	Display highlights that will be clipped in Preview
O	Highlight clipping warning
U	Shadows clipping warning
⌘+1 ... 5	(Filmstrip mode) Add 1 - 5 star rating
⌘+, (period) / ⌘+., (comma)	(Filmstrip mode) Increase/decrease rating
⌘+6	(Filmstrip mode) Add red label
⌘+7	(Filmstrip mode) Add yellow label
⌘+8	(Filmstrip mode) Add green label
⌘+9	(Filmstrip mode) Add blue label
⌘+Shift+0 (zero)	(Filmstrip mode) Add purple label
⌘+K	Camera Raw preferences
Option+Shift (on open)	Deletes Adobe Camera Raw preferences

### 9. Black-and-White Dialog Box

Shift+⌘+Option+B	Open the Black-and-White dialog box
Arrow Up/Arrow Down	Increase/decrease selected value by 1%
Shift+Arrow Up/Arrow Down	Increase/decrease selected value by 10%
Click+drag on the image	Change the values of the closest color slider

### 10. Curves

⌘+M	Open the Curves dialog box
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[+] / [-]	Select next / previous point on the curve
Shift+click the points	Select multiple points on the curve
⌘+D	Deselect a point
Select a point and press delete.	Delete a point on the curve
Arrow Keys	Move the selected point 1 unit
Shift+Arrow Keys	Move the selected point 10 units
Option+drag black/white point sliders	Display highlights and shadows that will be clipped
⌘+click the image	Set a point to the composite curve
Shift+⌘+click the image	Set a point to the channel curves
Option+click the field	Toggle grid size

<b>11. Select and Move Objects</b>	
Any marquee tool (except single column and single row), press space+drag	Reposition marquee while selecting
Any selection tool+Shift+drag	Add to a selection
Any selection tool+Option+drag	Subtract from a selection
Any selection tool (except Quick Selection tool)+Shift+option+drag	Intersect a selection
Shift+drag	Constrain marquee to square or circle (if no other selections are active)
Option+drag	Draw marquee from center (if no other selections are active)
Shift+Option+drag	Constrain shape and draw marquee from center
command (except when Hand, Slice, Path, Shape, / any Pen tool is selected)	Switch to Move tool (except when Hand, Slice, Path, Shape, or any Pen tool is selected)
Option+drag	Switch from Magnetic Lasso tool to Lasso tool
Option+click	Switch from Magnetic Lasso tool to polygonal Lasso tool
Enter/Esc/⌘+. (period)	Apply/cancel an operation of the Magnetic Lasso
Move tool+Option+drag selection†	Move copy of selection

Any selection+ <b>Arrow Keys</b>	Move selection area 1 pixel
Move tool+ <b>Arrow Keys</b>	Move selection 1 pixel
<b>Ctrl</b> + <b>Arrow Keys</b>	Move layer 1 pixel when nothing selected on layer
Magnetic Lasso tool+ <b>[ ]</b>	Increase/decrease detection width
Crop tool+ <b>Return / Esc</b>	Accept cropping or exit cropping
<b>[ /</b> (forward slash)	Toggle crop shield off and on
Ruler tool+ <b>Option</b> +drag end point	Make protractor
<b>Shift</b> +drag guide	Snap guide to ruler ticks (except when View Snap is unchecked)
<b>Option</b> +drag guide	Convert between horizontal and vertical guide

## 12. Transform Selections, Selection Borders, and Paths

<b>Option</b>	Transform from center or reflect
<b>Shift</b>	Constrain
<b>⌘</b>	Distort
<b>Enter</b>	Apply
<b>⌘</b> + <b>.</b> (period) / <b>Esc</b>	Cancel
<b>⌘</b> + <b>Option</b> + <b>T</b>	Free transform with duplicate data
<b>⌘</b> + <b>Shift</b> + <b>Option</b> + <b>T</b>	Transform again with duplicate data

## 13. Edit Paths

Direct selection tool+ <b>Shift</b> +click	Select multiple anchor points
Direct selection tool+ <b>Option</b> +click	Select entire path
Pen (any Pen tool), Path Selection / Direct Selection tool+ <b>⌘</b> + <b>Option</b> +drag	Duplicate a path
<b>⌘</b>	Switch from Path Selection, Pen, Add Anchor Point, Delete Anchor Point, or Convert Point tools, to Direct Selection tool

<b>Option</b>	Switch from Pen tool or Freeform Pen tool to Convert Point tool when pointer is over anchor or direction point
Magnetic Pen tool-double-click	Close path
Magnetic Pen tool+ <b>option</b> -double-click	Close path with straight-line segment

#### **14. Painting**

Any painting tool+ <b>Ctrl</b> + <b>Option</b> + <b>command</b> and drag	Select foreground color from color picker
Any painting tool+ <b>Option</b> / any shape tool+ <b>option</b> (except when Paths option is selected)	Select foreground color from image with Eyedropper tool
Eyedropper tool+ <b>Option</b> +click	Select background color
Eyedropper tool+ <b>Shift</b>	Color sampler tool
Color sampler tool+ <b>Option</b> +click	Deletes color sampler
Any painting / editing tool+ <b>1...9</b>	Set opacity, tolerance, strength, or exposure for painting mode. 0 = 100%, 1 = 10%. Two numbers in quick succession (e.g. 45 = 45%) When airbrush option is enabled, use <b>Shift</b> + <b>0...9</b>
Any painting / editing tool+ <b>Shift</b> + <b>1...9</b>	Sets flow for painting mode 0 = 100%, 1 = 10%. Two numbers in quick succession (e.g. 45 = 45%) When airbrush option is enabled, use <b>Shift</b> + <b>1...9</b> )
<b>Option</b> + <b>Shift</b> + <b>1...9</b>	Mixer Brush changes Mix setting
<b>0...9</b>	Mixer Brush changes Wet setting
<b>0</b> (zero)	Mixer Brush changes Wet and Mix to zero
<b>Shift</b> + <b>[+]</b> / <b>Shift</b> + <b>-</b>	Cycle through blending modes
<b>Delete</b> / <b>Shift</b> + <b>Delete</b>	Open Fill dialog box on background or standard layer
<b>Option</b> + <b>Delete</b> / <b>⌘</b> + <b>Delete</b>	Fill with foreground or background color
<b>⌘</b> + <b>Option</b> + <b>Delete</b>	Fill from history
<b>Shift</b> + <b>Delete</b>	Displays Fill dialog box
<b>/</b> (forward slash)	Lock transparent pixels on/off

Any painting tool+**Shift**+click

Connects points with a straight line

### 15. Blending Modes

<b>Shift</b> + <b>[+]</b> / <b>Shift</b> + <b>[-]</b>	Cycle through blending modes
<b>Shift</b> + <b>Option</b> + <b>N</b>	<b>N</b> ormal
<b>Shift</b> + <b>Option</b> + <b>I</b>	<b>D</b> issolve
<b>Shift</b> + <b>Option</b> + <b>Q</b>	Behind (Brush tool only)
<b>Shift</b> + <b>Option</b> + <b>R</b>	Clear (Brush tool only)
<b>Shift</b> + <b>Option</b> + <b>K</b>	<b>D</b> arken
<b>Shift</b> + <b>Option</b> + <b>M</b>	<b>M</b> ultiply
<b>Shift</b> + <b>Option</b> + <b>B</b>	Color <b>B</b> urn
<b>Shift</b> + <b>Option</b> + <b>A</b>	Linear Burn
<b>Shift</b> + <b>Option</b> + <b>G</b>	<b>L</b> ighten
<b>Shift</b> + <b>Option</b> + <b>S</b>	<b>S</b> creen
<b>Shift</b> + <b>Option</b> + <b>D</b>	Color <b>D</b> odge
<b>Shift</b> + <b>Option</b> + <b>W</b>	Linear Dodge
<b>Shift</b> + <b>Option</b> + <b>O</b>	<b>O</b> verlay
<b>Shift</b> + <b>Option</b> + <b>F</b>	<b>S</b> oft Light
<b>Shift</b> + <b>Option</b> + <b>H</b>	<b>H</b> ard Light
<b>Shift</b> + <b>Option</b> + <b>V</b>	<b>V</b> ivid Light
<b>Shift</b> + <b>Option</b> + <b>J</b>	Linear Light
<b>Shift</b> + <b>Option</b> + <b>Z</b>	Pin Light
<b>Shift</b> + <b>Option</b> + <b>L</b>	Hard Mix
<b>Shift</b> + <b>Option</b> + <b>E</b>	Difference
<b>Shift</b> + <b>Option</b> + <b>X</b>	<b>E</b> xclusion

Shift+Option+U	H <u>u</u> e
Shift+Option+T	Sa <u>t</u> uration
Shift+Option+C	<u>C</u> olor
Shift+Option+Y	Luminosity <u>y</u>
Sponge tool+Shift+Option+D	<u>D</u> esaturate
Sponge tool+Shift+Option+S	<u>S</u> aturate
Dodge tool/Burn tool+Shift+Option+S	Dodge/burn <u>s</u> hadows
Dodge tool/Burn tool+Shift+Option+M	Dodge/burn <u>m</u> idtones
Dodge tool/Burn tool+Shift+Option+H	Dodge/burn <u>h</u> ighlights
Shift+Option+N	Set blending mode to Threshold for bitmap images, Normal for all other images

#### 16. Select and Edit text

⌘+drag type when Type layer is selected	Move type in image
Shift+arrow keys, ctrl+Shift+arrow keys etc.	Select Characters: Use Standard Use Standard Mac OS Editing Shortcuts
Shift+click	Select characters from insertion point to mouse click point
Shift+click	Create a new text layer, when a text layer is selected in the Layers panel
Double-click, triple-click, quadruple-click, / quintuple-click	Select a word, line, paragraph, or story
⌘+H	Show/Hide selection on selected type
⌘	Display the bounding box for transforming text when editing text, or activate Move tool if cursor is inside the bounding box
⌘+drag a bounding box handle	Scale text within a bounding box when resizing the bounding box
Space+drag	Move text box while creating text box

#### 17. Format Type

Horizontal Type tool+⌘+Shift+L, C, /R	Align left, center, or right
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Vertical Type tool+⌘+Shift+⌘, C, /R	Align top, center, or bottom
⌘+Shift+X	Choose 100% horizontal scale
⌘+Shift+Option+X	Choose 100% vertical scale
⌘+Shift+Option+A	Choose Auto leading
⌘+Control+Shift+Q	Choose 0 for tracking
⌘+Shift+J	Justify paragraph, left aligns last line
⌘+Shift+F	Justify paragraph, justifies all
⌘+Control+Shift+Option+H	Toggle paragraph hyphenation on/off
⌘+Shift+Option+T	Toggle single/every-line composer on/off
⌘+Shift+</>	Decrease or increase type size of selected text 2 points or pixels
Option+Arrow Down/Arrow Up	Decrease or increase leading 2 points or pixels
Shift+Option+Arrow Down/Arrow Up	Decrease or increase baseline Shift 2 points or pixels
Option+Arrow Left/Arrow Right	Decrease or increase kerning/tracking 20/1000 ems

## 18. Slicing and Optimizing

⌘	Toggle between Slice tool and Slice Selection tool
Shift+drag	Draw square slice
Option+drag	Draw from center outward
Shift+Option+drag	Draw square slice from center outward
Space+drag	Reposition slice while creating slice
Ctrl+click slice	Open context-sensitive menu

## 19. Photoshop CS5 Panels

### All Panels

Option+click New button Set options for new items (except for Actions, Animation, Styles, Brushes, Tool Presets, and Layer

	Comps panels)
Shift+	Apply value and keep text box active
	Show/Hide all panels
Shift+	Show/Hide all panels except the toolbox and options bar
Select tool and press	Highlight options bar
Shift+/	Increase/decrease selected values by 10
<b> Action Panel</b>	
+click the check mark next to a command	Turn command on and all others off, or turns all commands on
+click	Turn current modal control on and toggle all other modal controls
+double-click action / action set	Change action or action set options
Double-click recorded command	Display Options dialog box for recorded command
+double-click an action	Play entire action
+click the triangle	Collapse/expand all components of an action
+click the Play button	Play a command
+click the New Action button	Create new action and begin recording without confirmation
Shift+click the action/	Select contiguous items of the same kind
+click the action/	Select discontinuous items of the same kind
<b> Adjustment Panel</b>	
+ (red), + (green), + (blue)	Choose specific channel for adjustment
+	Choose composite channel for adjustment
	Delete adjustment layer
+click Auto button	Define Auto options for Levels or Curves
<b> Animation Panel (Frames Mode)</b>	

<b>Shift</b> +click second frame	Select/deselect multiple contiguous frames
<b>Alt</b> +click multiple frames	Select/deselect multiple discontinuous frames
<b>Option</b> +Paste Frames command from the Panel pop-up menu	Paste using previous settings without displaying the dialog box
<b>Animation Panel (Timeline Mode, PS extended)</b>	
<b>Space</b>	Start playing the timeline or Animation panel
<b>Option</b> +click the current-time display in the upper-left corner of the timeline.	Switch between timecode and frame numbers (current time view)
<b>Option</b> +click on list triangles	Expand and collapse list of layers
Hold down the <b>Shift</b> key when clicking the next/previous Frame buttons (on either side of the Play button).	Jump to the next/previous whole second in timeline
Hold down the <b>Shift</b> key while dragging the current time.	Increase playback speed
Hold down the <b>command</b> key while dragging the current time.	Decrease playback speed
<b>Shift</b> +drag	Snap an object (keyframe, the current time, layer in point, and so on) to the nearest object in timeline
<b>Option</b> +drag (first / last keyframe in the group)	Scale (evenly distribute to condensed or extended length) a selected group of multiple keyframes
<b>Arrow Left</b> / <b>Page Up</b>	Back one frame
<b>Arrow Right</b> / <b>Page Down</b>	Forward one frame
<b>Shift</b> + <b>Arrow Left</b> / <b>Shift</b> <b>page up</b>	Back ten frames
<b>Shift</b> + <b>Arrow Right</b> / <b>Shift</b> + <b>Page Down</b>	Forward ten frames
<b>Home</b> / <b>End</b>	Move to the beginning / to the end of the timeline
<b>Shift</b> + <b>Home</b> / <b>Shift</b> + <b>End</b>	Move to the beginning / to the end of the work area
<b>Arrow Up</b>	Move to "In" point of the current layer
<b>Arrow Down</b>	Move to the "Out" point of the current layer
<b>Shift</b> + <b>Arrow Up</b> / <b>Shift</b> + <b>Arrow Down</b>	Back 1 second / Forward 1 second
<b>Esc</b>	Return a rotated document to its original orientation
<b>Brush Panel</b>	



<b>Option</b> +click brush	Delete brush
Double-click brush	Rename brush
<b>Ctrl</b> + <b>Option</b> +drag left / right	Change brush size
<b>Ctrl</b> + <b>Option</b> +drag up / down	Decrease/increase brush softness/hardness
<b>,</b> (comma) / <b>.</b> (period)	Select previous/next brush size
<b>Shift</b> + <b>,</b> (comma) / <b>Shift</b> + <b>.</b> (period)	Select first/ Select last brush
<b>Caps Lock</b>	Display precise cross hair for brushes
<b>Shift</b> + <b>Option</b> + <b>P</b>	Toggle airbrush option
<b>Channels Panel</b>	
<b>Command</b> + <b>3</b> (red), <b>command</b> + <b>4</b> (green), <b>command</b> + <b>5</b> (blue)	Select individual channels
<b>Command</b> + <b>2</b>	Select composite channel
<b>Option</b> +click channel thumbnail, / <b>Option</b> + <b>3</b> (red), <b>option</b> + <b>4</b> (green), <b>option</b> + <b>5</b> (blue)	Load channel as selection
<b>Command</b> + <b>Shift</b> +click channel thumbnail	Add to current selection
<b>Command</b> + <b>Option</b> +click channel thumbnail	Subtract from current selection
<b>Command</b> + <b>Shift</b> + <b>Option</b> +click channel thumbnail	Intersect with current selection
<b>Option</b> +click Save Selection As Channel button	Set options for Save Selection As Channel button
<b>Command</b> +click Create New Channel button	Create a new spot channel
<b>Shift</b> +click color channel	Select/deselect multiple color-channel selection
<b>Shift</b> +click alpha channel	Select/deselect alpha channel and show/hide as a ruyblith overlay
Double-click alpha / spot channel thumbnail	Display channel options
<b>~</b>	Toggle composite and grayscale mask in Quick Mask mode
<b>Clone Source Panel</b>	
<b>Option</b> + <b>Shift</b>	Show Clone Source (overlays image)

Option+Shift+Arrow Keys	Nudge Clone Source
Option+Shift+</>	Rotate Clone Source
Option+Shift+[I/I]	Scale (increase or reduce size) Clone Source
<b>Color Panel</b>	
Option+click color in color bar	Select background color
Ctrl+click color bar	Display Color Bar menu
Shift+click color bar	Cycle through color choices
<b>History Panel</b>	
Option+new Snapshot	Create a new snapshot
Double-click snapshot name	Rename snapshot
⌘+Shift+Z	Step forward through image states
⌘+Option+Z	Step backward through image states
Option+click the image state	Duplicate any image state, except the current state
Option+clear History	Permanently clear history (no Undo) in History panel pop-up menu
<b>Info Panel</b>	
Click eyedropper icon	Change color readout modes
Click crosshair icon	Change measurement units
<b>Layers Panel</b>	
⌘+click layer thumbnail	Load layer transparency as a selection
⌘+Shift+click layer thumbnail.	Add to current selection
⌘+Option+click layer thumbnail.	Subtract from current selection
⌘+Shift+Option+click layer thumbnail.	Intersect with current selection
⌘+click filter mask thumbnail	Load filter mask as a selection
⌘+G	Group layers

<code>command-Shift+G</code>	Ungroup layers
<code>command-option+G</code>	Create/release clipping mask
<code>⌘+Option+A</code>	Select all layers
<code>⌘+Shift+E</code>	Merge visible layers
<code>Option+click New Layer button</code>	Create new empty layer with dialog box
<code>⌘+click New Layer button</code>	Create new layer below target layer
<code>Option+.] (period)</code>	Select top layer
<code>Option+[, (comma)</code>	Select bottom layer
<code>Shift+Option+[/]</code>	Add to layer selection in Layers panel
<code>Option+[/]</code>	Select next layer down/up
<code>⌘+[/]</code>	Move target layer down/up
<code>⌘+Shift+Option+E</code>	Merge a copy of all visible layers into target layer
Highlight the layers you want to merge, then <code>Command+E</code>	Merge layers
<code>⌘+Shift+[/]</code>	Move layer to bottom or top
<code>Option+Merge Down</code> command from the Panel pop-up menu	Copy current layer to layer below
<code>Option+Merge Visible</code> command from the Panel pop-up menu	Merge all visible layers to a new layer above the currently selected layer
<code>Ctrl+click the eye icon</code>	Show/hide this layer/layer group only or all layers/layer groups
<code>Option+click the eye icon</code>	Show/hide all other currently visible layers
<code>/ (forward slash)</code>	Toggle lock transparency for target layer, or last applied lock
Double-click layer effect/style	Edit layer effect/style, options
<code>option-double-click layer effect/style</code>	Hide layer effect/style
Double-click layer	Edit layer style
<code>Shift+click vector mask thumbnail</code>	Disable/enable vector mask
Double-click layer mask thumbnail	Open Layer Mask Display Options dialog box

<b>Shift</b> +click layer mask thumbnail	Toggle layer mask on/off
<b>Shift</b> +click filter mask thumbnail	Toggle filter mask on/off
<b>Option</b> +click layer mask thumbnail	Toggle between layer mask/composite image
<b>Option</b> +click filter mask thumbnail	Toggle between filter mask/composite image
<b>\</b> (backslash), <b>/Shift+Option</b> +click	Toggle rubylith mode for layer mask on/off
Double-click type layer thumbnail	Select all type; temporarily select Type tool
<b>Option</b> +click the line dividing two layers	Create a clipping mask
Double-click the layer name	Rename layer
Double-click the filter effect	Edit filter settings
Double-click the Filter Blending icon	Edit the Filter Blending options
<b>⌘</b> +click New Group button	Create new layer group below current layer/layer set
<b>Option</b> +click New Group button	Create new layer group with dialog box
<b>Option</b> +click Add Layer Mask button	Create layer mask that hides all/selection
<b>⌘</b> +click Add Layer Mask button	Create vector mask that reveals all/path area
<b>⌘+Option</b> +click Add Layer Mask button	Create vector mask that hides all or displays path area
<b>Ctrl</b> +click the layer group and choose Group Properties, / double-click group	Display layer group properties
<b>Shift</b> +click	Select/deselect multiple contiguous layers
<b>⌘</b> +click	Select/deselect multiple discontinuous layers
<b>Layers Comps Panel</b>	
<b>Option</b> +click Create New Layer Comp button	Create new layer comp without the New Layer Comp box
Double-click layer comp	Open Layer Comp Options dialog box
Double-click layer comp name	Rename in-line
<b>Shift</b> +click	Select/deselect multiple contiguous layer comps
<b>⌘</b> +click	Select/deselect multiple discontinuous layer comps

[-] Paths Panel	
⌘+click pathname	Load path as selection
⌘+Shift+click pathname	Add path to selection
⌘+Option+click pathname	Subtract path from selection
⌘+Shift+Option+click pathname	Retain intersection of path as selection
⌘+Shift+H	Hide path
Option+click button	Set options for Fill Path with Foreground Color button, Stroke Path with Brush button, Load Path as a Selection button, Make Work Path from Selection button, and Create New Path button
[-] Swatches Panel	
Click in empty area of panel	Create new swatch from foreground color
⌘+click swatch	Set swatch color as background color
Option+click swatch	Delete swatch

[-] 20. 3D tools (PS Extended)	
N	Enable 3D camera tools
Option+⌘+X	Hide nearest surface
Option+Shift+⌘+X	Show all surfaces
Ctrl+click /Option	Change between Rotate, Roll, Drag, Slide, and Scale 3D Object Tool
Shift	Scale on the Y plane

[-] 21. Measurement (PS Extended)	
Shift+⌘+M	Record a measurement
⌘+D	Deselects all measurements
⌘+A	Selects all measurements
Shift+⌘+H	Hide/show all measurements

Delete	Removes a measurement
Arrow Keys	Nudge the measurement
Shift+Arrow Keys	Nudge the measurement in increments
⌘+Arrow Left/Arrow Right	Extend/shorten selected measurement
Shift+⌘+Arrow Left/Arrow Right	Extend/shorten selected measurement in increments
⌘+up/down arrow key	Rotate selected measurement

22. DICOM files (PS Extended)	
Z	Zoom tool
H	Hand tool
W	Window Level tool
⌘+A	Select all frames
⌘+D	Deselect all frames except the current frame
Arrow Keys	Navigate through frames

23. Function keys	
help key	Start Help
F2	Cut
F3	Copy
F4	Paste
F5	Show/Hide Brush panel
F6	Show/Hide Color panel
F7	Show/Hide Layers panel
F8	Show/Hide Info panel
Option+F9	Show/Hide Actions panel

F12	Revert
Shift+F5	Fill
Shift+F6	Feather Selection
Shift+F7	Inverse Selection