CGBOOST

BLENDER **HOTKEY SHEET** v16

for Blender **4.0**
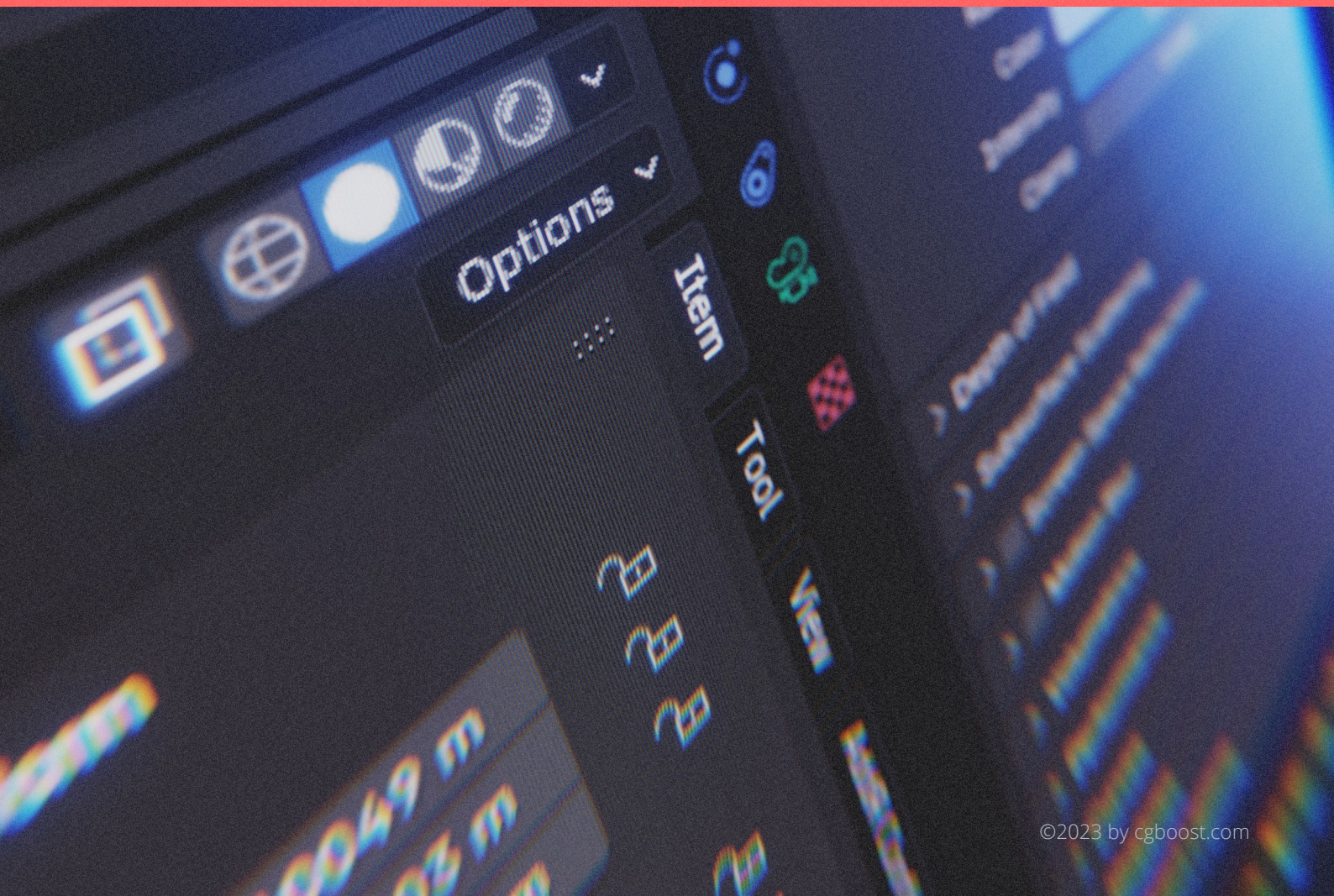
CONTENT

clickable menu

GENERAL

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0

View

Rotate	**MMB + Drag**	Zoom	**Mousewheel**
Pan	**Shift + MMB + Drag**	Select	**LMB (RMB optional)**

General

Animation Playback	**Space***	Redo	**Shift + Ctrl + Z**
Search¹	**F3**	Rename Object	**F2**
Delete	**X**	Repeat Last Action	**Shift + R**
Join Objects	**Ctrl + J**	Jump to Object on Hover²	**Alt + Q**
Mirror on X/Y/Z axis	**Ctrl + M + X/Y/Z**	Next/Previous Workspace	**Ctrl + Page Up/Down**
Undo	**Ctrl + Z**	Open Preferences	**Ctrl + ,**

Navigation

Views Pie Menu	**`**	Front View	**Numpad 1**
Center Selected	**Numpad,**	Right View	**Numpad 3**
Toggle Maximize Area	**Ctrl + Space**	Bottom View	**Ctrl + Numpad 7**
Toggle Full Screen Area	**Ctrl + Alt + Space**	Back View	**Ctrl + Numpad 1**
Toggle X-Ray View	**Alt + Z**	Left View	**Ctrl + Numpad 3**
Toggle Wireframe View	**Shift + Z**	Walk Navigation	**Shift + `**
Shading Pie Menu	**Z**	Show Overlays	**Alt + Shift + Z**
Relative View Axis Switching	**Alt + Drag MMB**	Toggle Clipping Border	**Alt + B**
Top View	**Numpad 7**	Toggle Quad View	**Ctrl + Alt + Q**

* You can manually define the function of the spacebar in the Preferences under *Input*: It can represent *Animation Playback*, the *Tool Menu* or the *Search* function. By default it is set to *Animation Playback*.

¹ Now works in every open menu.

² Works in every Object-specific Mode (Edit Mode, Sculpt Mode etc.). To quickly change the object you're working on.

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Transform			
Move (Grab)	**G**	Transform with locked Axis	**G/R/S + MMB**
Move along global axis	**G + X/Y/Z**	Duplicate	**Shift + D**
Move along local axis	**G + XX/YY/ZZ**	Duplicate Linked	**Alt + D**
Scale	**S**	Apply Transform	**Ctrl + A**
Scale along global axis	**S + X/Y/Z**	Reset Position	**Alt + G**
Scale along local axis	**S + XX/YY/ZZ**	Reset Rotation	**Alt + R**
Rotate	**R**	Reset Scale	**Alt + S**
Rotate along global axis	**R + X/Y/Z**	Snapping Toggle	**Shift + Tab**
Rotate along local axis	**R + XX/YY/ZZ**	Set Snap Base	**B**
Free Rotate	**R + R**		

Selection			
Select	**LMB[1]**	Select Grouped	**Shift + G**
Select All	**A**	Invert Selection	**Ctrl + I**
Deselect All	**Alt + A (doubletap A)**	Select Linked	**Shift + L**
Border Select	**B or Drag LMB**	Pick from Overlapping	**Alt + LMB**
Circle Select	**C**		

Modes			
Edit/Object Mode	**Tab**	All Modes (Pie Menu)	**Ctrl + Tab**

Menus			
Tool Shelf Toggle	**T**	Quick Favorites	**Q**
Sidebar Toggle	**N**	Add Menu[3]	**Shift + A**
Object Context Menu	**RMB[2]**	Pivot Pie Menu	**.**
Orientation Pie Menu	**,**	Snapping Pie Menu	**Shift + S**

[1] You can choose either *Left Click* (default) or *Right Click Select* in the Preferences under *Input*.

[2] If you have chosen *Right Click Select* (in the Preferences under *Input*), the Object Context Menu is accessible via the W key.

[3] Now also works in the Modifier Tab.

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Editors			
3D Viewport	**Shift + F5**	Graph Editor/Drivers	**Shift + F6**
Image/UV Editor	**Shift + F10**	Text Editor	**Shift + F11**
Shader Editor	**Shift + F3**	Python Console	**Shift + F4**
Comp./Text./Geo Node Editor	**Shift + F3**	Outliner	**Shift + F9**
Video Sequencer	**Shift + F8**	Properties	**Shift + F7**
Movie Clip Editor	**Shift + F2**	File Browser	**Shift + F1**
Dope Sheet/Timeline	**Shift + F12**		

FUNCTION	HOTKEY	FUNCTION	HOTKEY
Hide/Unhide			
Hide	**H**	Hide Selected	**Shift + H**
Unhide All	**Alt + H**	Local View	**/**

FUNCTION	HOTKEY	FUNCTION	HOTKEY
Relationships			
Set Parent	**Ctrl + P**	Link/Transfer Data	**Ctrl + L**
Clear Parent	**Alt + P**		

FUNCTION	HOTKEY	FUNCTION	HOTKEY
Camera			
Camera View	**Numpad 0**	Set Active Object as Camera	**Ctrl + Numpad 0**
Align Camera to View	**Ctrl + Alt + Numpad 0**		

FUNCTION	HOTKEY	FUNCTION	HOTKEY
File			
Save	**Ctrl + S**	File Context Menu	**F4**
Save As	**Ctrl + Shift + S**	Quit Blender	**Ctrl + Q**
New File	**Ctrl + N**		

FUNCTION	HOTKEY	FUNCTION	HOTKEY
Rendering			
Render Image	**F12**	Set Render Region	**Ctrl + B**
Render Animation	**Ctrl + F12**	Reset Render Region	**Ctrl + Alt + B**
Play Rendered Animation	**Ctrl + F11**		

EDIT MODE

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Selection			
Vertex Selection	**1**	Select Edge/Face Loop	**Alt + LMB***
Edge Selection	**2**	Select Edge Ring	**Ctrl + Alt + LMB***
Face Selection	**3**	Slide Edge Selection	**G + G**
Select Linked	**Ctrl + L**	Select Mirror	**Ctrl + Shift + M**
Select Linked under Cursor	**L**	Path Selection	**Ctrl + LMB***
Grow/Shrink Selection	**Ctrl + +/-**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
View			
Align TopView to active face	**Shift + Numpad 7**	Align BackView to active face	**Shift + Ctrl + Numpad 1**
Align BottomView to act. face	**Shift + Ctrl + Numpad 7**	Align RightView to active face	**Shift + Numpad 3**
Align FrontView to active face	**Shift + Numpad 1**	Align LeftView to active face	**Shift + Ctrl + Numpad 3**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Tools			
Extrude	**E**	To Sphere	**Shift + Alt + S**
Bevel	**Ctrl + B**	Split	**Y**
Loopcut	**Ctrl + R**	Rip	**V**
Knife Cut	**K**	Triangulate	**Ctrl + T**
Inset	**I**	Merge Selected	**M**
Separate	**P**	Recalculate Normals	**Shift + N**
Unwrap	**U**	Split Menu	**Alt + M**
Fill Face	**F**	Connect Vertex Path	**J**
Shrink/Fatten	**Alt + S**	Extrude Menu	**Alt + E**
Rip Fill	**Alt + V**	Vertex/Edge/Face Menu	**Ctrl + E**
Shear	**Shift + Ctrl + Alt + S**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Proportional Editing			
Proportional Edit	**O**	Prop. Edit Falloff Pie Menu	**Shift + O**
Proportional Edit Connected	**Alt + O**	Prop. Edit Radius Size	**Page Up/Down or Scroll**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Vertex Groups			
Assign to Vertex Group	**Ctrl + G**	Remove from Vertex Group	**Ctrl + Alt + G**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Hide/Unhide			
Hide	**H**	Unhide	**Alt + H**

* Right Mouse Button, if the *Select with* is set to *Right Mouse Button* in the Preferences under *Input*.

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SCULPTING

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Control			
Brush Size	**F**	Switch Sculpt Object	**Hover + Alt + Q**
Brush Strength	**Shift + F**	Set Transform Pivot Gizmo	**Shift + RMB**
Brush Angle	**Ctrl + F**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Masking			
Mask	**M**	Expand Mask by Curvature	**Shift + Alt + A***
Clear Mask	**Alt + M**	Invert Mask	**Ctrl + I**
Expand Mask by Topology	**Shift + A**	Box Mask	**B**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Brushes			
Draw	**V**	Pose	**Shift + Space, Shift 1***
Grab	**G**	Nudge	**Shift + Space, Shift 2***
Inflate	**I**	Rotate Brush	**Shift + Space, Shift 3***
Snake Hook	**K**	Slide Relax	**Shift + Space, Shift 4***
Pinch	**P**	Boundary	**Shift + Space, Shift 5***
Smooth	**S or Shift + Drag**	Cloth	**Shift + Space, Shift 6***
Clay Strips	**C**	Simplify	**Shift + Space, Shift 7***
Crease	**Shift + C**	Multires Displ. Eraser	**Shift + Space, Shift 0***
Scrape	**Shift + T**	Multires Displ. Smear	**Shift + Space, Ctrl 1***
Draw Sharp	**Shift + Space, 1***	Box Hide	**Shift + Space, Ctrl 6***
Clay	**Shift + Space, 2***	Box Trim	**Shift + Space, Ctrl 9***
Clay Thumb	**Shift + Space, 3***	Line Project	**Shift + Space, Alt 1***
Layer	**Shift + Space, 4***	Mesh Filter	**Shift + Space, Alt 2***
Blob	**Shift + Space, 5***	Cloth Filter	**Shift + Space, Alt 3***
Flatten	**Shift + Space, 6***	Move	**Shift + Space, Alt 5***
Fill	**Shift + Space, 7***	Transform	**Shift + Space, Alt 6***
Mutiplane Scrape	**Shift + Space, 8***	Rotate	**Shift + Space, Alt 7***
Elastic Deform	**Shift + Space, 9***	Scale	**Shift + Space, Alt 8***
Thumb	**Shift + Space, 0***		

* only accessible if the spacebar function is set to *Play* in the Preferences.

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Topology			
Remesh	**Ctrl + R**	Dyntopo Flood Fill	**Ctrl + R**
Incr./Decr. Multires Levels	**Alt + 1/2**	Remesh Preview	**R**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Face Sets			
Draw Face Sets	**Shift + Space, Shift 9***	Edit Face Set	**Shift + Space, Ctrl W***
Box Face Set	**Shift + Space, Ctrl 7***	Show all Face Sets	**Alt + H**
Face Sets Pie Menu	**Alt + W**	Hide Active Face Set	**H**
Grow/Shrink Face Set	**Ctrl + W / Ctrl + Alt + W**	Hide Inactive Face Sets	**Shift + H**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Painting			
Paint	**Shift + Space, Ctrl 2***	Color Filter	**Shift + Space, Alt 4***
Smear	**Shift + Space, Ctrl 3***	Mask by Color	**Shift + Space, Alt 5***

* only accessible if the spacebar function is set to *Play* in the Preferences.

MATERIALS & POSTPRODUCTION

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0

Shader Editor, Geo Nodes, Compositing

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Group	**Ctrl + G**	Delete with Reconnect	**Ctrl + X**
Ungroup	**Ctrl + Alt + G**	Insert Reroute	**Shift + RMB + Drag**
Edit Group Toggle	**Tab**	Hide Unused Sockets	**Ctrl + H**
Join in New Frame	**Ctrl + J**	Minimize Node	**H**
Cut Links	**Ctrl + RMB + Drag**	Mute Node	**M**
Mute Links	**Ctrl + Alt + RMB + Drag**	Skip Auto Node Attachment	**Alt**

Compositing

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Background Image Move	**Alt + MMB**	Background Image Zoom in	**Alt + V**
Background Image Zoom out	**V**		

Image Editor

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
New Image	**Alt + N**	Save Image	**Alt + S**
Open Image	**Alt + O**	Save Image As	**Shift + Alt + S**

UV Editor

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Mark Seam	**Ctrl + E**	Stitch	**Alt + V**
Select Split	**Y**	Pin	**P**
Grow/Shrink Selection	**Ctrl + +/-**	Unpin	**Alt + P**

Painting

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Sample Color	**Shift X**	Brush Colors Flip	**X**
Brush Size	**F**	Select Faces for Face Mask	**Alt + LMB**
Brush Strength	**Shift + F**	Expand Face Mask Selection	**Alt + Shift + LMB**
Stroke Method	**Alt + E**		

Texture Painting

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Draw	**Shift + Space, 1***	Clone	**Shift + Space, 4***
Soften	**Shift + Space, 2***	Fill	**Shift + Space, 5***
Smear	**Shift + Space, 3***	Mask	**Shift + Space, 6***

* only accessible if the spacebar function is set to *Play* in the Preferences.

Vertex Painting			
Draw	**Shift + Space, 1***	Average	**Shift + Space, 3***
Blur	**Shift + Drag**	Smear	**Shift + Space, 4***
Invert Brush	**Ctrl + Drag**	Set Vertex Colors	**Ctrl + X**

Weight Painting			
Draw	**Shift + Space, 1***	Radial Gradient	**Shift + Alt + A**
Blur	**Shift + Drag**	Sample Weight	**Shift + X**
Invert Brush	**Ctrl + Drag**	Set Weight	**Ctrl + X**
Average	**Shift + Space, 3***	Select Linked under Cursor	**L**
Smear	**Shift + Space, 4***	Select Bones	**Ctrl + Shift + LMB**
Gradient	**Shift + A**		

* only accessible if the spacebar function is set to *Play* in the Preferences.

MATERIALS & POSTPRODUCTION | Page 10

ANIMATION

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
General			
Insert Keyframe	**I**	List of Bones under Cursor	**Alt + LMB(RMB)**
Delete Keyframes	**Alt + I**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Timeline, Dopesheet and Graph Editor			
Play/Stop Animation	**Space**	Select Linked	**L**
Play/Stop Animation Reverse	**Ctrl + Shift + Space**	Jump to Keyframes	**Ctrl + G**
Set Preview Range	**P + Drag LMB**	Set Keyframe Handle Type	**V**
Clear Preview Range	**Alt + P**	Set Keyframe Interpolation	**T**
Next/Previous Frame	**Left/Right**	Set F-Curve Extrapolation	**Shift + E**
Jump to first/last frame	**Shift + Left/Right**	Add Time Marker	**M**
Toggle Frames/Seconds	**Ctrl + T**	Rename Marker	**F2**
Mirror Keyframes	**Ctrl + M**	Find Channels	**Ctrl + F**
Sample Keyframes	**Shift + Alt + O**	View Selected	**Numpad ,**
Select More/Less	**Ctrl + +/-**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Graph Editor			
Add F-Curve Modifier	**Shift + Ctrl + M**	Smooth Keys	**Alt + O**
Hide Channels	**H**	Set Keyframe Easing Type	**Ctrl + E**
Unhide Channels	**Alt + H**	Smooth Curve	**Alt + S**
Blend Curve	**Alt + D**	Frame Channel Curve	**Alt + MMB**
Toggle Channel Selection	**Shift + W**		

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Drivers			
Add Driver	**Ctrl + D**	Remove Driver	**Ctrl + Alt + D**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Nonlinear Animation			
Add Action Strip	**Shift + A**	Split Strips	**Y**
Add Transition	**Shift + T**	Toggle Muting	**H**
Add Sound Clip	**Shift + K**	Swap Strips	**Alt + F**
Add Meta-Strips	**Ctrl + G**	Move Strips Up/Down	**Page Up/Down**
Remove Meta-Strips	**Ctrl + Alt + G**		

Video Sequencer			
Cut Strips	**K**	View Frame	**Numpad 0**
Mute Strips	**H**	View Selected	**Numpad ,**
Unmute Strips	**Alt + H**	Snap Strips to Frame	**Shift + S**
Toggle Meta-Strip	**Tab**	Slip Strip Contents	**S**
Make Meta-Strip	**Ctrl + G**	Remove Gaps	**Backspace**
UnMeta-Strip	**Ctrl + Alt + G**	Insert Gaps	**Shift + =**

ANIMATION | Page 12

GREASE PENCIL

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Draw Mode			
Draw	**Shift + Space, 1***	Box	**Shift + Space, Shift 1***
Fill	**Shift + Space, 2***	Circle	**Shift + Space, Shift 2***
Erase	**Shift + Space, 3***	Annotate Polygon	**Shift + Space, Shift 4***
Tint	**Shift + Space, 4***	Box Erase	**B**
Cutter	**Shift + Space, 5***	Brush Size	**F**
Eyedropper	**Shift + Space, 6***	Brush Strength	**Shift + F**
Line	**Shift + Space, 7***	Adjust stroke extension	**Mousewheel**
Polyline	**Shift + Space, 8***	Interpolate	**Shift + Space, Ctrl + E***
Arc	**Shift + Space, 9***	Create New Layer	**Y**
Curve	**Shift + Space, 0***	Delete Active Frame	**Alt + I**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Sculpt Mode			
Select Box	**B**	Twist	**Shift + Space, 7***
Smooth	**Shift + Space, 1***	Pinch	**Shift + Space, 8***
Thickness	**Shift + Space, 2***	Clone	**Shift + Space, 9***
Strength	**Shift + Space, 3***	Annotate Polygon	**Shift + Space, Shift 4***
Randomize	**Shift + Space, 4***	Brush Size	**F**
Grab	**Shift + Space, 5***	Brush Strength	**Shift + F**
Push	**Shift + Space, 6***	Auto-Masking Pie Menu	**Shift + Alt + A**

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Edit Mode			
Point Selection	**1**	Extrude	**E**
Stroke Selection	**2**	Radius	**Alt + S**
Stroke Section Selection	**3**	Bend	**Shift + W**
Move	**G**	Shear	**Shift + Ctrl + Alt + S**
Rotate	**R**	Transform Fill	**Shift + Space, 4***
Scale	**S**		

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ORGANISATION

FUNCTION IN 4.0	HOTKEY IN 4.0	FUNCTION IN 4.0	HOTKEY IN 4.0
Outliner			
New Collection	**C**	Link to Collection	**Shift + M**
Delete Collection	**X**	Parent Objects	**Shift + Drag/Drop**
Move to Collection	**M**		

File Browser			
Next Folder	**Alt + Right**	Create New Directory	**I**
Previous Folder	**Alt + Left**	Add Bookmark	**Ctrl + B**
Parent File	**Alt + Up**		