



# CGBOOST

## BLENDER **HOTKEY SHEET** v2.1

for Blender **2.8 beta/2.79x**

clickable menu

### CONTENT

<b>General</b> .....	<b>2</b>
Navigation .....	2
General .....	2
View .....	2
Transform .....	3
Selection .....	3
Modes .....	3
Menus .....	3
Editors .....	4
Hide/Unhide .....	4
Relationships .....	4
Camera .....	5
File .....	5
Rendering .....	5
<b>Edit Mode</b> .....	<b>6</b>
Selection .....	6
Tools .....	6
Proportional Editing .....	6
Vertex Groups .....	7
Hide/Unhide .....	7
<b>Sculpting</b> .....	<b>8</b>
Control .....	8

Masking .....	8
Brushes .....	8
<b>Materials &amp; Postproduction</b> .....	<b>9</b>
Shader Editor and Compositing .....	9
Compositing .....	9
Image Editor .....	9
UV Editor .....	9
Paint (Image Editor) .....	9
<b>Animation</b> .....	<b>10</b>
General .....	10
Timeline, Dopesheet and Graph Editor .....	10
Graph Editor .....	10
Drivers .....	10
Nonlinear Animation .....	11
Video Sequencer .....	11
<b>Grease Pencil</b> .....	<b>12</b>
Draw Mode .....	12
Sculpt Mode .....	12
Edit Mode .....	13
<b>Organisation</b> .....	<b>14</b>
Outliner .....	14
File Browser .....	14

# GENERAL

## FUNCTION IN 2.8 BETA

## HOTKEY IN 2.8 BETA

## HOTKEY IN 2.79X

## FUNCTION IN 2.79X

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

General		
Animation Playback	Space*	Alt + A
Search	F3	Space
Delete	X	✓
Join Objects	Ctrl + J	✓
Mirror on X/Y/Z axis	Ctrl + M + X/Y/Z	✓
Undo	Ctrl + Z	✓
Redo	Shift + Ctrl + Z	✓
Rename Object	F2	x

View		
Views Pie Menu	^	x Select/Unselect all layers
Center Selected	Numpad ,	✓
Toggle Maximize Area	Ctrl + Space	Ctrl + Page up
Toggle Full Screen Area	Ctrl + Alt + Space	Alt + F10
Toggle X-Ray View	Alt + Z	✓
Toggle Wireframe View	Shift + Z	✓
Shading Pie Menu	Z	x Wireframe toggle
Relative View Axis Switching	Alt + Drag MMB	x
Top View	Numpad 7	✓
Front View	Numpad 1	✓
Right View	Numpad 3	✓
Bottom View	Ctrl + Numpad 7	✓
Back View	Ctrl + Numpad 1	✓
Left View	Ctrl + Numpad 3	✓
Walk Navigation	Shift + ^	✓

\* 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*.

Transform		
Move (Grab)	<b>G</b>	✓
Move along global axis	<b>G + X/Y/Z</b>	✓
Move along local axis	<b>G + XX/YY/ZZ</b>	✓
Scale	<b>S</b>	✓
Scale along global axis	<b>S + X/Y/Z</b>	✓
Scale along local axis	<b>S + XX/YY/ZZ</b>	✓
Rotate	<b>R</b>	✓
Rotate along global axis	<b>R + X/Y/Z</b>	✓
Rotate along local axis	<b>R + XX/YY/ZZ</b>	✓
Free Rotate	<b>R + R</b>	✓
Duplicate	<b>Shift + D</b>	✓
Duplicate Linked	<b>Alt + D</b>	✓
Apply Transform	<b>Ctrl + A</b>	✓
Reset Position	<b>Alt + G</b>	✓
Reset Rotation	<b>Alt + R</b>	✓
Reset Scale	<b>Alt + S</b>	✓
Snapping Toggle	<b>Shift + Tab</b>	✓

Selection		
Select	<b>LMB*</b>	✗ Set 3D Cursor
Select All	<b>A</b>	✓
Deselect All	<b>Alt + A (quick doubletap A)</b>	<b>A</b>
Border Select	<b>B or Drag LMB</b>	✓
Circle Select	<b>C</b>	✓
Select Grouped	<b>Shift + G</b>	✓
Invert Selection	<b>Ctrl + I</b>	✓
Select Linked	<b>Shift + L</b>	✓

Modes		
Edit/Object Mode	<b>Tab</b>	✓
All Modes (Pie Menu)	<b>Ctrl + Tab</b>	✗ -

Menus		
Tool Shelf Toggle	<b>T</b>	✓
Sidebar Toggle	<b>N</b>	✗ Properties Toggle
Quick Favorites	<b>Q</b>	✗ -
Add Menu	<b>Shift + A</b>	✓

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

FUNCTION IN 2.8 BETA	HOTKEY IN 2.8 BETA	HOTKEY IN 2.79X	FUNCTION IN 2.79X
Object Context Menu	<b>RMB*</b>	<b>x</b>	Select
Orientation Pie Menu	<b>,</b>	<b>x</b>	-
Pivot Pie Menu	<b>.</b>	<b>Alt + Space</b>	(no Pie)
Snapping Pie Menu	<b>Shift + S</b>	<b>✓</b>	(no pie)

Editors			
3D Viewport	<b>Shift + F5</b>	<b>✓</b>	
Image/UV Editor	<b>Shift + F10</b>	<b>x</b>	UV Editor
Shader Editor	<b>Shift + F3</b>	<b>✓</b>	
Compositing/Texture Node Ed.	<b>Shift + F3</b>	<b>x</b>	Node Editor
Video Sequencer	<b>Shift + F8</b>	<b>✓</b>	
Movie Clip Editor	<b>Shift + F2</b>	<b>x</b>	Logic Editor
Dope Sheet/Timeline	<b>Shift + F12</b>	<b>x</b>	Dope Sheet
Graph Editor/Drivers	<b>Shift + F6</b>	<b>x</b>	Graph Editor
Text Editor	<b>Shift + F11</b>	<b>✓</b>	
Python Console	<b>Shift + F4</b>	<b>✓</b>	
Outliner	<b>Shift + F9</b>	<b>✓</b>	
Properties	<b>Shift + F7</b>	<b>✓</b>	
File Browser	<b>Shift + F1</b>	<b>✓</b>	

Hide/Unhide			
Hide	<b>H</b>	<b>✓</b>	
Unhide All	<b>Alt + H</b>	<b>✓</b>	
Hide Unselected	<b>Shift + H</b>	<b>✓</b>	
Local View	<b>/</b>	<b>✓</b>	

Relationships			
Set Parent	<b>Ctrl + P</b>	<b>✓</b>	
Clear Parent	<b>Alt + P</b>	<b>✓</b>	
Make Links	<b>Ctrl + L</b>	<b>✓</b>	

Camera			
Camera View	<b>Numpad 0</b>	<b>✓</b>	
Align Camera to View	<b>Ctrl + Alt + Numpad 0</b>	<b>✓</b>	
Set Active Object as Camera	<b>Ctrl + Numpad 0</b>	<b>✓</b>	

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

File		
Save	<b>Ctrl + S</b>	✓
Save As	<b>Ctrl + Shift + S</b>	✓
New File	<b>Ctrl + N</b>	✓
File Context Menu	<b>F4</b>	✗ Save Window
Quit Blender	<b>Ctrl + Q</b>	✓

Rendering		
Render Image	<b>F12</b>	✓
Render Animation	<b>Ctrl + F12</b>	✓
Play Rendered Animation	<b>Ctrl + F11</b>	✓
Set Render Region	<b>Ctrl + B</b>	✓
Reset Render Region	<b>Ctrl + Alt + B</b>	✓

# EDIT MODE

## FUNCTION IN 2.8 BETA

## HOTKEY IN 2.8 BETA

## HOTKEY IN 2.79X

## FUNCTION IN 2.79X

Selection			
Vertex Selection	<b>1</b>	<b>(Ctrl + Tab)</b>	Selection Menu
Edge Selection	<b>2</b>	<b>(Ctrl + Tab)</b>	Selection Menu
Face Selection	<b>3</b>	<b>(Ctrl + Tab)</b>	Selection Menu
Select Linked	<b>Ctrl + L</b>	✓	
Select Linked under Cursor	<b>L</b>	✓	
Grow/Shrink Selection	<b>Ctrl + +/-</b>	✓	
Select Edge Loop	<b>Alt + RMB*</b>	✓	
Select Edge Ring	<b>Ctrl + Alt + RMB*</b>	✓	
Slide Edge Selection	<b>G + G</b>	✓	
Select Mirror	<b>Ctrl + Shift + M</b>	✓	

Tools			
Extrude	<b>E</b>	✓	
Bevel	<b>Ctrl + B</b>	✓	
Loopcut	<b>Ctrl + R</b>	✓	
Knife Cut	<b>K</b>	✓	
Inset	<b>I</b>	✓	
Separate	<b>P</b>	✓	
Unwrap	<b>U</b>	✓	
Fill Face	<b>F</b>	✓	
Shrink/Fatten	<b>Alt + S</b>	✓	
Rip Fill	<b>Alt + V</b>	✓	
Shear	<b>Shift + Ctrl + Alt + S</b>	✓	
To Sphere	<b>Shift + Alt + S</b>	✓	
Split	<b>Y</b>	✓	
Rip	<b>V</b>	✓	
Triangulate	<b>Ctrl + T</b>	✓	
Merge Selected	<b>Alt + M</b>	✓	
Recalculate Normals	<b>Shift + N</b>	<b>Ctrl + N</b>	

Proportional Editing			
Proportional Edit	<b>O</b>	✓	
Proportional Edit Connected	<b>Alt + O</b>	✗	-

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

Vertex Groups			
Assign to Vertex Group	<b>Ctrl + G</b>	✓	
Remove from Vertex Group	<b>Ctrl + Alt + G</b>	✗	-

Hide/Unhide			
Hide	<b>H</b>	✓	
Unhide	<b>Alt + H</b>	✓	

# SCULPTING

FUNCTION IN 2.8 BETA

HOTKEY IN 2.8 BETA

HOTKEY IN 2.79X

FUNCTION IN 2.79X

## Control

Stroke Method Menu	<b>E</b>	✓
Angle Control	<b>R</b>	✓
Brush Size	<b>F</b>	✓
Brush Strength	<b>Shift + F</b>	✓
Brush Angle	<b>Ctrl + F</b>	✓

## Masking

Mask	<b>M</b>	<b>0 or M</b>
Clear Mask	<b>Alt + M</b>	✓
Invert Mask	<b>Ctrl + I</b>	✓
Box Mask	<b>B</b>	✓

## Brushes

Grab	<b>G</b>	<b>G or 7</b>
Box Hide	<b>H</b>	✓
Inflate	<b>I</b>	<b>I or 8</b>
Snake Hook	<b>K</b>	<b>Shift + 7 or K</b>
Layer	<b>L</b>	<b>L or 9</b>
Pinch	<b>P</b>	<b>Shift 2 or P</b>
Smooth	<b>S or Shift + Drag</b>	<b>Shift + 6 or S or Shift + Drag</b>
Draw	<b>X</b>	<b>Shift + 5 or X</b>
Clay	<b>C</b>	<b>C or 2</b>
Crease	<b>Shift + C</b>	<b>Shift + C or 4</b>
Flatten	<b>Shift + T</b>	<b>Shift + T or 6</b>
Clay Strips	<b>Shift + Space, 1*</b>	<b>3</b>
Blob	<b>Shift + Space, 2*</b>	<b>1</b>
Fill	<b>Shift + Space, 3*</b>	<b>5</b>
Scrape	<b>Shift + Space, 4*</b>	<b>Shift + 4</b>
Thumb	<b>Shift + Space, 5*</b>	<b>Shift + 8</b>
Nudge	<b>Shift + Space, 6*</b>	<b>Shift + 1</b>
Rotate	<b>Shift + Space, 7*</b>	<b>Shift + 3</b>
Simplify	<b>Shift + Space, 9*</b>	<b>x</b>

\* only accessible if the spacebar function is set to „Play“ in the preferences.



# MATERIALS & POSTPRODUCTION

FUNCTION IN 2.8 BETA

HOTKEY IN 2.8 BETA

HOTKEY IN 2.79X

FUNCTION IN 2.79X

## Shader Editor and Compositing

Group	<b>Ctrl + G</b>	✓
Ungroup	<b>Ctrl + Alt + G</b>	<b>Alt + G</b>
Edit Group Toggle	<b>Tab</b>	✓
Join in New Frame	<b>Ctrl + J</b>	<b>Shift + P</b>
Cut Links	<b>Shift + Space, 7</b>	<b>Ctrl + LMB</b>
Delete with Reconnect	<b>Ctrl + X</b>	✓

## Compositing

Background Image Move	<b>Alt + MMB</b>	✓
Background Image Zoom out	<b>V</b>	✓
Background Image Zoom in	<b>Alt + V</b>	✓

## Image Editor

New Image	<b>Alt + N</b>	✓
Open Image	<b>Alt + O</b>	✓
Save Image	<b>Alt + S</b>	✓
Save Image As	<b>Shift + S</b>	<b>F3</b>

## UV Editor

Mark Seam	<b>Ctrl + E</b>	✓
Select Split	<b>Y</b>	✓
Grow/Shrink Selection	<b>Ctrl + +/-</b>	✓
Stitch	<b>V</b>	✓
Pin	<b>P</b>	✓
Unpin	<b>Alt + P</b>	✓

## Paint (Image Editor)

Sample Color	<b>S</b>	✓
Brush Size	<b>F</b>	✓
Brush Strength	<b>Shift + F</b>	✓
Brush Colors Flip	<b>X</b>	✓

# ANIMATION

FUNCTION IN 2.8 BETA

HOTKEY IN 2.8 BETA

HOTKEY IN 2.79X

FUNCTION IN 2.79X

## General

Insert Keyframe	<b>I</b>	✓
Delete Keyframes	<b>Alt + I</b>	✓

## Timeline, Dopesheet and Graph Editor

Play/Stop Animation	<b>Space</b>	<b>Alt + A</b>
Play/Stop Animation Reverse	<b>Ctrl + Shift + Space</b>	<b>Ctrl + Alt + A</b>
Set Preview Range	<b>P + Drag LMB</b>	✓
Clear Preview Range	<b>Alt + P</b>	✓
Next/Previous Frame	<b>Left/Right</b>	✓
Jump to first/last frame	<b>Shift + Left/Right</b>	✓
Toggle Frames/Seconds	<b>Ctrl + T</b>	✓
Mirror Keyframes	<b>Ctrl + M</b>	<b>Shift + M</b>
Sample Keyframes	<b>Shift + Alt + O</b>	<b>Shift + O</b>
Select More/Less	<b>Ctrl + +/-</b>	✓
Select Linked	<b>L</b>	✓
Jump to Keyframes	<b>Ctrl + G</b>	✓
Set Keyframe Handle Type	<b>V</b>	✓
Set Keyframe Interpolation	<b>T</b>	✓
Set Keyframe Easing Type	<b>Ctrl + E</b>	✓
Add Time Marker	<b>M</b>	✓
Rename Marker	<b>Ctrl + M</b>	✓
Find Channels	<b>Ctrl + F</b>	✓
View Selected	<b>Numpad ,</b>	✓

## Graph Editor

Add F-Curve Modifier	<b>Shift + Ctrl + M</b>	✓
Hide Channels	<b>H</b>	✓
Unhide Channels	<b>Alt + H</b>	✓
Smooth Keys	<b>Alt + O</b>	✓

## Drivers

Add Driver	<b>Ctrl + D</b>	✓
Remove Driver	<b>Ctrl + Alt + D</b>	✓

Nonlinear Animation		
Add Action Strip	<b>Shift + A</b>	✓
Add Transition	<b>Shift + T</b>	✓
Add Sound Clip	<b>Shift + K</b>	✓
Add Meta-Strips	<b>Ctrl + G</b>	✓
Remove Meta-Strips	<b>Ctrl + Alt + G</b>	✓
Split Strips	<b>Y</b>	✓
Toggle Muting	<b>H</b>	✓
Swap Strips	<b>Alt + F</b>	✓
Move Strips Up/Down	<b>Page Up/Down</b>	✓

Video Sequencer		
Cut Strips	<b>K</b>	✓
Mute Strips	<b>H</b>	✓
Unmute Strips	<b>Alt + H</b>	✓
Toggle Meta-Strip	<b>Tab</b>	✓
Make Meta-Strip	<b>Ctrl + G</b>	✓
UnMeta-Strip	<b>Ctrl + Alt + G</b>	<b>Alt + G</b>
View Frame	<b>Numpad 0</b>	✓
View Selected	<b>Numpad ,</b>	✓
Snap Strips to Frame	<b>Shift + S</b>	✓
Trim Strips	<b>S</b>	✓

# GREASE PENCIL

FUNCTION IN 2.8 BETA

HOTKEY IN 2.8 BETA

HOTKEY IN 2.79X

FUNCTION IN 2.79X

Draw Mode			
Draw	Shift + Space, 1	x	-
Fill	Shift + Space, 2	x	-
Erase	Shift + Space, 3	x	-
Cutter	Shift + Space, 4	x	-
Line	Shift + Space, 5	x	-
Arc	Shift + Space, 6	x	-
Curve	Shift + Space, 7	x	-
Box	Shift + Space, 8	x	-
Circle	Shift + Space, 9	x	-
Enable Parallel Guides	L	x	-
Enable Circular Guides	C	x	-
Box Erase	B	x	-
Brush Size	F	x	-
Brush Strength	Shift + F	x	-

Sculpt Mode			
Select Box	B	x	-
Smooth	Shift + Space, 3	x	-
Thickness	Shift + Space, 4	x	-
Strength	Shift + Space, 5	x	-
Randomize	Shift + Space, 6	x	-
Grab	Shift + Space, 7	x	-
Push	Shift + Space, 8	x	-
Twist	Shift + Space, 9	x	-
Pinch	Shift + Space, 0	x	-
Clone	Shift + Space, Shift + 1	x	-
Brush Size	F	x	-
Brush Strength	Shift + F	x	-

Edit Mode			
Move	<b>G</b>	<b>x</b>	-
Rotate	<b>R</b>	<b>x</b>	-
Scale	<b>S</b>	<b>x</b>	-
Extrude	<b>Shift + Space, 4</b>	<b>x</b>	-
Radius	<b>Alt + S</b>	<b>x</b>	-
Bend	<b>Shift + W</b>	<b>x</b>	-
Shear	<b>Shift + Ctrl + Alt + S</b>	<b>x</b>	-

# ORGANISATION

FUNCTION IN 2.8 BETA

HOTKEY IN 2.8 BETA

HOTKEY IN 2.79X

FUNCTION IN 2.79X

Outliner			
New Collection	<b>C</b>	<b>x</b>	-
Delete Collection	<b>X</b>	<b>x</b>	-
Move to Collection	<b>M</b>	<b>x</b>	-
Link to Collection	<b>Shift + M</b>	<b>x</b>	-
Set Exclude	<b>E</b>	<b>x</b>	-
Clear Exclude	<b>Alt + E</b>	<b>x</b>	-

File Browser		
Next Folder	<b>Alt + Right</b>	✓
Previous Folder	<b>Alt + Left</b>	✓
Parent File	<b>Alt + Up</b>	✓
Create New Directory	<b>I</b>	✓
Delete Selected Files	<b>X</b>	✓
Add Bookmark	<b>Ctrl + B</b>	✓