# CGBOOST

# BLENDER **HOTKEY SHEET** v4

## for Blender **2.83/2.79x**

clickable menu

## CONTENT

# GENERAL

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Navigation** | | | |
| Rotate | **MMB + Drag** | ✓ | |
| Pan | **Shift + MMB + Drag** | ✓ | |
| Zoom | **Mousewheel** | ✓ | |
| Select | **LMB (RMB optional)** | **RMB** | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **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** | ✘ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **View** | | | |
| Views Pie Menu | **^** | ✘ | 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** | ✘ | Wireframe toggle |
| Relative View Axis Switching | **Alt + Drag MMB** | ✘ | - |
| 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 + ^** | ✓ | |
| Show Overlays | **Alt + Shift + Z** | ✘ | |

\* 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*.

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Transform** | | | |
| Move (Grab) | **G** | ✓ | |
| Move along global axis | **G + X/Y/Z** | ✓ | |
| Move along local axis | **G + XX/YY/ZZ** | ✓ | |
| Scale | **S** | ✓ | |
| Scale along global axis | **S + X/Y/Z** | ✓ | |
| Scale along local axis | **S + XX/YY/ZZ** | ✓ | |
| Rotate | **R** | ✓ | |
| Rotate along global axis | **R + X/Y/Z** | ✓ | |
| Rotate along local axis | **R + XX/YY/ZZ** | ✓ | |
| Free Rotate | **R + R** | ✓ | |
| Duplicate | **Shift + D** | ✓ | |
| Duplicate Linked | **Alt + D** | ✓ | |
| Apply Transform | **Ctrl + A** | ✓ | |
| Reset Position | **Alt + G** | ✓ | |
| Reset Rotation | **Alt + R** | ✓ | |
| Reset Scale | **Alt + S** | ✓ | |
| Snapping Toggle | **Shift + Tab** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Selection** | | | |
| Select | **LMB*** | ✘ | Set 3D Cursor |
| Select All | **A** | ✓ | |
| Deselect All | **Alt + A (quick doubletap A)** | **A** | |
| Border Select | **B or Drag LMB** | ✓ | |
| Circle Select | **C** | ✓ | |
| Select Grouped | **Shift + G** | ✓ | |
| Invert Selection | **Ctrl + I** | ✓ | |
| Select Linked | **Shift + L** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Modes** | | | |
| Edit/Object Mode | **Tab** | ✓ | |
| All Modes (Pie Menu) | **Ctrl + Tab** | ✘ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Menus** | | | |
| Tool Shelf Toggle | **T** | ✓ | |
| Sidebar Toggle | **N** | ✘ | Properties Toggle |
| Quick Favorites | **Q** | ✘ | - |
| Add Menu | **Shift + A** | ✓ | |

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

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| Object Context Menu | RMB* | ✘ | Select |
| Orientation Pie Menu | , | ✘ | - |
| Pivot Pie Menu | . | Alt + Space | (no Pie) |
| Snapping Pie Menu | Shift + S | ✓ | (no pie) |

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

| Hide/Unhide | | | |
|---|---|---|---|
| Hide | H | ✓ | |
| Unhide All | Alt + H | ✓ | |
| Hide Unselected | Shift + H | ✓ | |
| Local View | / | ✓ | |

| Relationships | | | |
|---|---|---|---|
| Set Parent | Ctrl + P | ✓ | |
| Clear Parent | Alt + P | ✓ | |
| Make Links | Ctrl + L | ✓ | |

| Camera | | | |
|---|---|---|---|
| Camera View | Numpad 0 | ✓ | |
| Align Camera to View | Ctrl + Alt + Numpad 0 | ✓ | |
| Set Active Object as Camera | Ctrl + Numpad 0 | ✓ | |

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

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **File** | | | |
| Save | **Ctrl + S** | ✓ | |
| Save As | **Ctrl + Shift + S** | ✓ | |
| New File | **Ctrl + N** | ✓ | |
| File Context Menu | **F4** | ✗ | Save Window |
| Quit Blender | **Ctrl + Q** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Rendering** | | | |
| Render Image | **F12** | ✓ | |
| Render Animation | **Ctrl + F12** | ✓ | |
| Play Rendered Animation | **Ctrl + F11** | ✓ | |
| Set Render Region | **Ctrl + B** | ✓ | |
| Reset Render Region | **Ctrl + Alt + B** | ✓ | |

# EDIT MODE

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Selection** | | | |
| Vertex Selection | **1** | **(Ctrl + Tab)** | Selection Menu |
| Edge Selection | **2** | **(Ctrl + Tab)** | Selection Menu |
| Face Selection | **3** | **(Ctrl + Tab)** | Selection Menu |
| Select Linked | **Ctrl + L** | ✓ | |
| Select Linked under Cursor | **L** | ✓ | |
| Grow/Shrink Selection | **Ctrl + +/-** | ✓ | |
| Select Edge Loop | **Alt + RMB*** | ✓ | |
| Select Edge Ring | **Ctrl + Alt + RMB*** | ✓ | |
| Slide Edge Selection | **G + G** | ✓ | |
| Select Mirror | **Ctrl + Shift + M** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Tools** | | | |
| Extrude | **E** | ✓ | |
| Bevel | **Ctrl + B** | ✓ | |
| Loopcut | **Ctrl + R** | ✓ | |
| Knife Cut | **K** | ✓ | |
| Inset | **I** | ✓ | |
| Separate | **P** | ✓ | |
| Unwrap | **U** | ✓ | |
| Fill Face | **F** | ✓ | |
| Shrink/Fatten | **Alt + S** | ✓ | |
| Rip Fill | **Alt + V** | ✓ | |
| Shear | **Shift + Ctrl + Alt + S** | ✓ | |
| To Sphere | **Shift + Alt + S** | ✓ | |
| Split | **Y** | ✓ | |
| Rip | **V** | ✓ | |
| Triangulate | **Ctrl + T** | ✓ | |
| Merge Selected | **M** | **Alt + M** | |
| Recalculate Normals | **Shift + N** | **Ctrl + N** | |
| Split Menu | **Alt + M** | ✗ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Proportional Editing** | | | |
| Proportional Edit | **O** | ✓ | |
| Proportional Edit Connected | **Alt + O** | ✗ | - |

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

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Vertex Groups** | | | |
| Assign to Vertex Group | **Ctrl + G** | ✓ | |
| Remove from Vertex Group | **Ctrl + Alt + G** | ✗ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Hide/Unhide** | | | |
| Hide | **H** | ✓ | |
| Unhide | **Alt + H** | ✓ | |

# SCULPTING

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Control** | | | |
| Stroke Method Menu | **E** | ✓ | |
| Brush Size | **F** | ✓ | |
| Brush Strength | **Shift + F** | ✓ | |
| Brush Angle | **Ctrl + F** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Masking** | | | |
| Mask | **M** | **0 or M** | |
| Clear Mask | **Alt + M** | ✓ | |
| Invert Mask | **Ctrl + I** | ✓ | |
| Box Mask | **B** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Brushes** | | | |
| Grab | **G** | **G or 7** | |
| Box Hide | **H** | ✓ | |
| Inflate | **I** | **I or 8** | |
| Snake Hook | **K** | **Shift + 7 or K** | |
| Layer | **L** | **L or 9** | |
| Pinch | **P** | **Shift 2 or P** | |
| Smooth | **S or Shift + Drag** | **Shift + 6 or S or Shift + Drag** | |
| Draw | **X** | **Shift + 5 or X** | |
| Clay | **C** | **C or 2** | |
| Crease | **Shift + C** | **Shift + C or 4** | |
| Flatten | **Shift + T** | **Shift + T or 6** | |
| Draw Sharp | **Shift + Space, 1*** | ✘ | |
| Clay Strips | **Shift + Space, 2*** | **3** | |
| Clay Thumb | **Shift + Space, 3*** | ✘ | |
| Blob | **Shift + Space, 4*** | **1** | |
| Fill | **Shift + Space, 5*** | **5** | |
| Scrape | **Shift + Space, 6*** | **Shift + 4** | - |
| Multiplane Scrape | **Shift + Space, 7*** | ✘ | - |
| Elastic Deform | **Shift + Space, 8*** | ✘ | |
| Thumb | **Shift + Space, 9*** | **Shift + 8** | - |
| Pose | **Shift + Space, 0*** | ✘ | |

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

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| Nudge | **Shift + Space, Shift 1*** | ✖ | - |
| Rotate Brush | **Shift + Space, Shift 2*** | ✖ | - |
| Slide Relax | **Shift + Space, Shift 3*** | ✖ | - |
| Cloth | **Shift + Space, Shift 4*** | ✖ | - |
| Simplify | **Shift + Space, Shift 5*** | ✖ | - |
| Draw Face Sets | **Shift + Space, Shift 7*** | ✖ | - |
| Mesh Filter | **Shift + Space, Shift 9*** | ✖ | - |
| Move | **Shift + Space, Shift 0*** | ✖ | - |
| Rotate | **R** | ✖ | - |
| Scale | **Shift + Space, Ctrl 1*** | ✖ | - |
| Transform | **Shift + Space, T** | ✖ | - |

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

# MATERIALS & POSTPRODUCTION

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Shader Editor and Compositing** | | | |
| Group | **Ctrl + G** | ✓ | |
| Ungroup | **Ctrl + Alt + G** | **Alt + G** | |
| Edit Group Toggle | **Tab** | ✓ | |
| Join in New Frame | **Ctrl + J** | **Shift + P** | |
| Cut Links | **Shift + Space, 6** | **Ctrl + LMB** | |
| Delete with Reconnect | **Ctrl + X** | ✓ | |

| | | | |
|---|---|---|---|
| **Compositing** | | | |
| Background Image Move | **Alt + MMB** | ✓ | |
| Background Image Zoom out | **V** | ✓ | |
| Background Image Zoom in | **Alt + V** | ✓ | |

| | | | |
|---|---|---|---|
| **Image Editor** | | | |
| New Image | **Alt + N** | ✓ | |
| Open Image | **Alt + O** | ✓ | |
| Save Image | **Alt + S** | ✓ | |
| Save Image As | **Shift + Alt + S** | **F3** | |

| | | | |
|---|---|---|---|
| **UV Editor** | | | |
| Mark Seam | **Ctrl + E** | ✓ | |
| Select Split | **Y** | ✓ | |
| Grow/Shrink Selection | **Ctrl + +/-** | ✓ | |
| Stitch | **V** | ✓ | |
| Pin | **P** | ✓ | |
| Unpin | **Alt + P** | ✓ | |

| | | | |
|---|---|---|---|
| **Paint (Image Editor)** | | | |
| Sample Color | **S** | ✓ | |
| Brush Size | **F** | ✓ | |
| Brush Strength | **Shift + F** | ✓ | |
| Brush Colors Flip | **X** | ✓ | |

# ANIMATION

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **General** | | | |
| Insert Keyframe | **I** | ✓ | |
| Delete Keyframes | **Alt + I** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Timeline, Dopesheet and Graph Editor** | | | |
| Play/Stop Animation | **Space** | **Alt + A** | |
| Play/Stop Animation Reverse | **Ctrl + Shift + Space** | **Ctrl + Alt + A** | |
| Set Preview Range | **P + Drag LMB** | ✓ | |
| Clear Preview Range | **Alt + P** | ✓ | |
| Next/Previous Frame | **Left/Right** | ✓ | |
| Jump to first/last frame | **Shift + Left/Right** | ✓ | |
| Toggle Frames/Seconds | **Ctrl + T** | ✓ | |
| Mirror Keyframes | **Ctrl + M** | **Shift + M** | |
| Sample Keyframes | **Shift + Alt + O** | **Shift + O** | |
| Select More/Less | **Ctrl + +/-** | ✓ | |
| Select Linked | **L** | ✓ | |
| Jump to Keyframes | **Ctrl + G** | ✓ | |
| Set Keyframe Handle Type | **V** | ✓ | |
| Set Keyframe Interpolation | **T** | ✓ | |
| Add Time Marker | **M** | ✓ | |
| Rename Marker | **Ctrl + M** | ✓ | |
| Find Channels | **Ctrl + F** | ✓ | |
| View Selected | **Numpad ,** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Graph Editor** | | | |
| Add F-Curve Modifier | **Shift + Ctrl + M** | ✓ | |
| Hide Channels | **H** | ✓ | |
| Unhide Channels | **Alt + H** | ✓ | |
| Smooth Keys | **Alt + O** | ✓ | |
| Set Keyframe Easing Type | **Ctrl + E** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Drivers** | | | |
| Add Driver | **Ctrl + D** | ✓ | |
| Remove Driver | **Ctrl + Alt + D** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Nonlinear Animation** | | | |
| Add Action Strip | **Shift + A** | ✓ | |
| Add Transition | **Shift + T** | ✓ | |
| Add Sound Clip | **Shift + K** | ✓ | |
| Add Meta-Strips | **Ctrl + G** | ✓ | |
| Remove Meta-Strips | **Ctrl + Alt + G** | ✓ | |
| Split Strips | **Y** | ✓ | |
| Toggle Muting | **H** | ✓ | |
| Swap Strips | **Alt + F** | ✓ | |
| Move Strips Up/Down | **Page Up/Down** | ✓ | |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Video Sequencer** | | | |
| Split Strips | **K** | ✓ | |
| Mute Strips | **H** | ✓ | |
| Unmute Strips | **Alt + H** | ✓ | |
| Toggle Meta-Strip | **Tab** | ✓ | |
| Make Meta-Strip | **Ctrl + G** | ✓ | |
| UnMeta-Strip | **Ctrl + Alt + G** | **Alt + G** | |
| View Frame | **Numpad 0** | ✓ | |
| View Selected | **Numpad ,** | ✓ | |
| Snap Strips to Frame | **Shift + S** | ✓ | |
| Trim Strips | **S** | ✓ | |

# GREASE PENCIL

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Draw Mode** | | | |
| Draw | **Shift + Space, O** | ✗ | - |
| Fill | **Shift + Space, 1** | ✗ | - |
| Erase | **Shift + Space, 2** | ✗ | - |
| Tint | **Shift + Space, 3** | ✗ | - |
| Cutter | **Shift + Space, 4** | ✗ | - |
| Eyedropper | **Shift + Space, 5** | ✗ | - |
| Line | **Shift + Space, 6** | ✗ | - |
| Polyline | **Shift + Space,7** | ✗ | - |
| Arc | **Shift + Space, 8** | ✗ | - |
| Curve | **Shift + Space, 9** | ✗ | - |
| Box | **Shift + Space, 0** | ✗ | - |
| Circle | **Shift + Space, Shift + 1** | ✗ | - |
| Enable Parallel Guides | **L** | ✗ | - |
| Enable Circular Guides | **C** | ✗ | - |
| Box Erase | **B** | ✗ | - |
| Brush Size | **F** | ✗ | - |
| Brush Strength | **Shift + F** | ✗ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Sculpt Mode** | | | |
| Select Box | **B** | ✗ | - |
| Smooth | **Shift + Space, 1** | ✗ | - |
| Thickness | **Shift + Space, 2** | ✗ | - |
| Strength | **Shift + Space, 3** | ✗ | - |
| Randomize | **Shift + Space, 4** | ✗ | - |
| Grab | **Shift + Space, 5** | ✗ | - |
| Push | **Shift + Space, 6** | ✗ | - |
| Twist | **Shift + Space, 7** | ✗ | - |
| Pinch | **Shift + Space, 8** | ✗ | - |
| Clone | **Shift + Space, 9** | ✗ | - |
| Brush Size | **F** | ✗ | - |
| Brush Strength | **Shift + F** | ✗ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Edit Mode** | | | |
| Move | **G** | ✖ | - |
| Rotate | **R** | ✖ | - |
| Scale | **S** | ✖ | - |
| Extrude | **E** | ✖ | - |
| Radius | **Alt + S** | ✖ | - |
| Bend | **Shift + W** | ✖ | - |
| Shear | **Shift + Ctrl + Alt + S** | ✖ | - |

# ORGANISATION

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **Outliner** | | | |
| New Collection | **C** | ✖ | - |
| Delete Collection | **X** | ✖ | - |
| Move to Collection | **M** | ✖ | - |
| Link to Collection | **Shift + M** | ✖ | - |

| FUNCTION IN 2.83 | HOTKEY IN 2.83 | HOTKEY IN 2.79X | FUNCTION IN 2.79X |
|---|---|---|---|
| **File Browser** | | | |
| Next Folder | **Alt + Right** | ✓ | |
| Previous Folder | **Alt + Left** | ✓ | |
| Parent File | **Alt + Up** | ✓ | |
| Create New Directory | **I** | ✓ | |
| Add Bookmark | **Ctrl + B** | ✓ | |