

⌘ = Command key on macOS / Ctrl on Windows  
 ⇧ = Shift    ⌥ = Alt    ⬅️ = Arrow keys  
 FG = Foreground  
 BG = Background

🖱️ = Left Button    🖱️ = Right Button  
 🖱️🖱️ = Double click    🖱️➡️🖱️ = Drag-and-Drop  
 🖱️ = Press Middle Button / Scroll Mouse Wheel

● = Layers/Frames/Cels  
 📺 = Selected Range of ● in Timeline

## Sprite Editor

### Draw 🖌️

Draw with FG / BG color    🖱️ / 🖱️  
 Pick FG / BG color    ⌥🖱️ / ⌥🖱️  
 Swap FG / BG colors    X  
 Increase / Decrease Brush Size    + or - key or  
 Ctrl + Scroll 🖱️

### Editing

Undo / Redo    ⌘Z / ⌘Y  
 Cut / Copy / Paste    ⌘X / ⌘C / ⌘V  
 Paste As New Layer    ⇧⌘V  
 Clear    Delete or Backspace  
 Stroke Selection    S  
 Fill Selection    F

### Selection 📺

Select All / Cel Bounds    ⌘A / ⌘T  
 Deselect / Reselect    ⌘D / ⇧⌘D  
 Invert Selection    ⇧⌘I  
 Select One Grid Tile    🖱️🖱️  
 Replace Selection    🖱️  
 Add Selection    ⇧🖱️  
 Subtract Selection    ⌥⇧🖱️ or 🖱️  
 Intersect Selection    Ctrl+⇧🖱️

### Transformation

Move Selection by pixels    📏  
 Move Selection by grid tiles    ⇧📏  
 🔄 Flip Horizontally    ⇧H  
 🔄 Flip Vertically    ⇧V  
 Lock X/Y Axis (when moving)    ⇧  
 Snap to Grid (when moving)    ⌥  
 Angle Snap (when rotating)    ⇧  
 Square Aspect (when scaling)    ⇧

### Rectangles/Ellipses/Lines 📏

Square Aspect / Angle Snap    ⇧  
 From Center    Ctrl  
 Displace Origin    Space  
 Rotate    ⌥

### Tools

📏 Rectangular Marquee    M  
 📏 Elliptical Marquee    ⇧M  
 🖱️ Lasso    Q  
 📏 Polygonal Lasso    ⇧Q  
 🖱️ Magic Wand    W  
 🖌️ Pencil    B  
 🖌️ Spray    ⇧B  
 🖌️ Eraser    E 🖱️  
 🖌️ Replace FG → BG    E 🖱️  
 🖱️ Eyedropper    I  
 🖱️ Zoom    Z  
 1, 2, 3, 4, 5, or 6  
 Scroll 🖱️

🖱️ Hand (Pan / Scroll)    H  
 Press 🖱️ and move mouse  
 Space + 🖱️ or Space + 📏

🔄 Move / Select Layers    V  
 ⌥🖱️

🖌️ Slice    ⇧C  
 🖌️ Paint Bucket    G  
 📏 Gradient    ⇧G  
 📏 Line    L  
 📏 Curve    ⇧L  
 📏 Rectangle    U  
 📏 Ellipse    ⇧U  
 📏 Contour    D  
 📏 Polygon    ⇧D  
 🖌️ Blur    R  
 🖌️ Jumble    R R  
 📏 Insert Text    T  
 Crop/Canvas Size    C

### Color Bar

Switch FG / BG    X  
 Change FG    9 or 0 key or ⌥ Scroll 🖱️  
 Change BG    ⌥⇧ Scroll 🖱️

### Timeline (Tab key)

Select ●    🖱️  
 Add ● to Selection    ⇧🖱️  
 Select ● Content in Canvas 📏    ⌥🖱️  
 Copy 📏    ⌥🖱️  
 Copy or move 📏    Ctrl+🖱️  
 Show Popup Menu    🖱️  
 Show ● Properties    🖱️  
 Set Loop Section    F2  
 Create New Tag    F2  
 Switch Onion Skin    F3

### Animation Control

▶ Play / Stop Animation    Enter  
 ◀ Previous Frame    📏 or ,  
 Ctrl + Shift + Scroll 🖱️  
 ▶ Next Frame    📏 or .  
 Ctrl + Shift + Scroll 🖱️  
 ⏮ ⏭ Go to First/Last Frame    Home / End  
 Frame Properties    P  
 New Frame    ⌥N  
 New Empty Frame    ⌥B  
 Duplicate Cel    ⌥D  
 Duplicate Linked Cel    ⌥M  
 Delete Frame    ⌥C  
 Reverse Frames    ⌥I  
 Go to Frame by Number / Tag    ⌥G

### Layers

Select Next Layer    📏  
 Select Previous Layer    📏  
 New Layer    ⇧N  
 New Layer Below    Space+⇧N  
 New Group    ⌥⇧N  
 New Layer Via Copy / Cut    ⌥J / ⇧⌥J

### View

Show / Hide Timeline    Tab  
 Show / Hide Palette Editor    F4  
 Preview Window    F7  
 Fullscreen Preview    F8  
 Extras    Ctrl+H  
 Advanced Mode    Ctrl+F  
 Center scroll    ⇧Z

### Grid

Show / Hide Grid    ⌥  
 Show / Hide Pixel Grid    ⇧⌥  
 Snap to Grid (on/off)    ⇧S

### FXs

Outline    ⇧O  
 Replace Color    ⇧R  
 Hue/Saturation    ⌥U  
 Convolution Matrix    F9  
 Color Curve    Ctrl+M or F10

### Customize

Customize keys  
 → Edit → Keyboard Shortcuts...

### Customize 🖱️

→ Edit → Preferences → Editor → Right-click:  
 🖱️ Paint with BG color (default) 🖌️  
 🖱️ Pick FG color 🖌️  
 🖱️ Erase 🖌️  
 🖱️ Scroll 🖱️  
 🖱️ Rectangular Marquee 📏  
 🖱️ Lasso 🖱️  
 🖱️ Select Layer & Move 🔄

### Layer Visibility

Hide / Show Layer    ⇧X  
 Change Layer Opacity %25    ⇧1  
 Change Layer Opacity %50    ⇧2  
 Change Layer Opacity %75    ⇧3  
 Change Layer Opacity %100    ⇧4  
 Expand / Collapse Layer Group    ⇧E