# The GNU Image Manipulation Program – Quick Reference Sheet

| Selection Tools | |
|---|---|
| | Draw selection |
| → → | Cancel selection |
| **On existing selections** | |
| Alt + | Move selection |
| **Initial click** | |
| Shift + | Add to selection |
| Ctrl + | Subtract from selection |
| Shift + Ctrl + | Intersect selections |
| **Rectangle and Ellipse Selections** | R / E |
| Shift + | Limit to circle/square |
| Ctrl + | Start from center |
| Shift + Ctrl + | Circle/square from center |
| **Free Selection** | F |
| **Fuzzy Selection** | Z |
| **Intelligent Scissors** | I |
| **Bezier Selection** | B |
| inside closed form | Bezier to selection |
| | Move control handles |
| Shift + | Move one handle only |
| Ctrl + | Move control point |

| Move Tool | M |
|---|---|
| | Move layer |
| Ctrl + Arrow | Move layer one pixel |
| Shift + Arrow | Move layer 25 pixels |
| Alt + Arrow | Move selection one pixel |
| Alt + Shift + Arrow | Move selection 25 pixels |

| Magnify Tool | Shift + M |
|---|---|
| or + | Zoom in |
| Shift + or - | Zoom out |

| Crop Tool | Shift + C |
|---|---|
| | Select region to crop |

| Text Tool | T |
|---|---|
| | Set top left corner of text |

| Transform Tool | Shift + T |
|---|---|
| **Rotation mode** | |
| | Free rotating |
| Ctrl + | Rotate with 15° increments |
| **Scaling mode** | |
| | Free scaling |
| Shift + | Scale in X direction only |
| Ctrl + | Scale in Y direction only |
| Shift + Ctrl + | Scale with fixed aspect ratio |
| **Shearing mode** | |
| | Free shearing |
| **Perspective mode** | |
| | Move control point |

| Flip Tool | Shift + F |
|---|---|
| | Flip |

| Color Picker Tool | O |
|---|---|
| | Set active color |

| Bucket Fill Tool | Shift + B |
|---|---|
| **without selection** | |
| | Flood fill with FG color |
| Shift + | Flood fill with BG color |
| **with selection** | |
| | Fill selection with FG color |
| Shift + | Fill selection with BG color |

| Blend Tool | L |
|---|---|
| | Set start/end of gradient |
| → → | Cancel gradient |

| Pencil Tool | Shift + P |
|---|---|

| Paintbrush Tool | P |
|---|---|
| | Draw |
| Alt + | Quick draw |
| Shift + | Line draw |

| Eraser Tool | Shift + E |
|---|---|
| | Set to BG color / Clear |
| Alt + | Quick erase |
| Shift + | Line erase |

| Airbrush Tool | A |
|---|---|
| | Paint |
| Alt + | Quick paint |
| Shift + | Line paint |

| Clone Tool | C |
|---|---|
| | Clone |
| Ctrl + | Set clone source point |
| Alt + | Quick clone |
| Shift + | Line clone |

| Convolver Tool | V |
|---|---|
| | Blur / Sharpen |

| General Hot Keys | (incomplete) |
|---|---|
| | Pan image |
| D | Select default colors |
| X | Swap FG and BG colors |
| Ctrl + N | New image |
| Ctrl + O | Open image |
| Ctrl + S | Save image |
| Ctrl + W | Close image |
| Ctrl + Q | Quit |
| Ctrl + C | Copy selection |
| Ctrl + X | Cut selection |
| Ctrl + V | Paste selection |
| Ctrl + Z | Undo |
| Ctrl + R | Redo last undone |
| Ctrl + I | Invert selection |
| Ctrl + A | Select all |
| Ctrl + Shift + A | Unselect all |
| Alt + F | Repeat last plug-in |
| Shift + Alt + F | Reshow last plug-in |

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