



Pen (Bezier) tool

Create nodes
click create a sharp node
Shift+click add to selected path
 If a path is selected, **Shift-clicking** anywhere starts a new subpath instead of a new independent path.
mouse drag create a Bezier node with two handles
Shift+mouse drag move only one handle
 This moves only one handle (instead of both) while creating a node, making it cusp.
Ctrl+mouse drag snap the handle to angle steps
 The default angle step is 15 degrees.
Move last node
 These commands move the last created node (at the start of the red segment) while creating a path.
arrows move last node by the nudge distance
Shift+arrows move last node by 10x nudge distance
 The default nudge distance is 2 px (SVG pixel units, not screen pixels).
Alt+arrows move last node by 1 pixel
Shift+Alt+arrows move last node by 10 pixels
 The actual distance for pixel movements depends on zoom level. Zoom in for finer movement.

Create/modify segments
Ctrl+ snap last segment to angle steps
 This snaps the new node's angle, relative to the previous node, to angle steps (default 15 degrees).
Shift+L make last segment line
Shift+U make last segment curve
 These commands change the last (red) segment of the path to straight line or curve.
Create dots
Ctrl+click create a dot (straight line modes only)
 This creates a small circle. Its size (relative to the current stroke width) can be set in Preferences.
Shift+Ctrl+click create a double-sized dot
Ctrl+Alt+click create a random-sized dot
Finish
Enter finish current line
right click finish current line
clickclick finish current line
 Enter, right click, or double left click finish the current line, discarding the last unfinished (red) segment.
 Cancel
Esc, Ctrl+z cancel current line
Backspace, Del erase last segment of current line

Object
Clipboard
Ctrl+Alt+V paste in place
 This places the clipboard objects into the original location from which they were copied.
Shift+Ctrl+V paste style
 This applies the style of (the first of) the copied object(s) to the current selection. If a gradient handle (in Gradient tool) or a text span (in Text tool) are selected, they get the style instead of the entire object.
Ctrl+7 paste path effect
 This applies the path effect of the copied path to the paths/shapes in current selection.
Duplicate
Ctrl+D duplicate selection
 New object(s) are placed exactly over the original(s) and selected.
Clone
Alt+D clone object
 A clone can be moved/scaled/rotated/skewed independently, but it updates the path, fill, and stroke from its original. The clone is placed exactly over the original object and is selected.
 You can only clone one object at a time; if you want to clone several objects together, group them and clone the group.
Shift+Alt+D unlink clone
 Unlinking a clone cuts the link to the original, turning the clone into a plain copy.
Shift+D select original
 To find out which object this is a clone of, select the clone and give this command. The original will be selected.

Object
Bitmaps
Alt+B create a bitmap copy
 This exports the selected object(s) (all other objects hidden) as PNG in the document's directory and imports it back. The imported bitmap is placed over the original selection and is selected.
Shift+Alt+B trace bitmap
 This opens the Trace Bitmap dialog allowing you to convert a bitmap object to path(s).
Patterns
Alt+I object(s) to pattern
 This converts the selection to a rectangle with tiled pattern fill.
Shift+Alt+I pattern to object (s)
 Each selected object with pattern fill is broken into the same object without fill and a single pattern object.
Group
Ctrl+G group selected objects
 Use **Ctrl-click** to select objects within group.
Ctrl+U ungroup selected group(s)
 This removes only one level of grouping; press **Ctrl+U** repeatedly to ungroup nested groups.
Z-order
Home raise selection to top
End lower selection to bottom
PgUp raise selection one step
PgDn lower selection one step

Change node type
Shift+C make cusp
Shift+S make smooth
Shift+Y make symmetric
Shift+A make auto
Shift+B break selected node(s)
Del delete selected node(s)
Ctrl+Backspace, Ctrl+Del delete without preserving shape
Ctrl+Alt+click create/delete node
.Shift+D duplicate selected node
Dropper tool
click pick fill color
Shift+click pick stroke color
mouse drag average fill color
Shift+mouse drag average stroke color
 Click applies the color under cursor to the current selection. Dragging a radius calculates the average color of a circular area.
 If a gradient handle (in Gradient tool) is selected, it gets the color instead of the entire object.
Alt+click pick inverse color
 If **Alt** is pressed, picking color (with or without **Shift**, by click or by drag) picks the inverse of the color.
Ctrl+C copy color
 This copies the color under cursor to the clipboard, as text in RRGGBBAA format (8 hex digits).

Layers
Shift+Ctrl+N create new layer
Shift+PgUp move to layer above
Shift+PgDn move to layer below
 These commands move the selected objects from one layer to another.
Shift+Ctrl+PgUp raise layer
Shift+Ctrl+PgDn lower layer
Shift+Ctrl+Home raise layer to top
Shift+Ctrl+End lower layer to bottom
 These commands move the current layer among its siblings (normally other layers).
Window
Ctrl+R toggle rulers
Ctrl+B toggle scrollbars
F11 toggle fullscreen
F10 main menu
 Menus can also be activated by **Alt** with the letter underscored in the menu name.
Shift+F10, right click drop-down (context) menu
Ctrl+F4, Ctrl+W close document window
 This shuts down Inkscape if it was the only document window open.
Ctrl+Tab next document window
Shift+Ctrl+Tab previous document window
 These cycle through the active document windows forward and backward.

Path
Convert to path
Shift+Ctrl+C convert selected object(s) to path
Ctrl+Alt+C convert stroke to path
Boolean operations
Ctrl++ union
 Union combines any number of objects into a single path, removing overlaps.
Ctrl+- difference
 Difference works on 2 objects, extracting the top from the bottom.
Ctrl+* intersection
 Intersection creates a path representing the common (overlapping) area of all selected objects.
Ctrl+^ exclusive OR (XOR)
 XOR is similar to Union, except that it works on 2 objects and removes areas where the objects overlap.
Ctrl+/ division (cut)
 Division cuts the bottom object into pieces by the top object, preserving the fill and stroke of the bottom.
Ctrl+Alt+/- cut path
 Cut Path cuts the bottom object's stroke only where it is intersected by the top path, removing any fill from the result.
Offsets
Ctrl+ (inset path (towards center)
Ctrl+) outset path (away from center)
 The default offset distance is 2 px (SVG pixel units, not screen pixels).
Alt+ (inset path by 1 pixel
Alt+) outset path by 1 pixel
Shift+Alt+ (inset path by 10 pixels
Shift+Alt+) outset path by 10 pixels
Ctrl+J create dynamic offset
Ctrl+Alt+J create linked offset
 These commands produce an offset object, editable by the node tool, standalone or linked to the original.
Shift+D select source
 Selecting a linked offset and giving this command will select the source path of the linked offset.
Combine
Ctrl+K combine paths
 This is different from grouping in that combined paths create one object. This is different from Union in that overlapping areas are not affected. Whether overlapping areas are filled is controlled by the Fill: winding/alternating switch on the Fill & Stroke dialog.
Shift+Ctrl+K break paths apart

Simplify
Ctrl+L simplify