



File	
New	Ctrl+N
Open	Ctrl+O
Save	Ctrl+S

Navigation	
Pan	Spacebar
Zoom in	Spacebar+Ctrl
Zoom out	Spacebar+Ctrl+Alt
Zoom in-out	Alt+Mouse-scroll
Scroll Vert.	Mouse-scroll
Scroll Horz.	Ctrl+Mouse-scroll
Preview mode	Ctrl+Y

Selection	
Selection tool	V
Direct selection tool	A
Select all	Ctrl+A
Deselect all	Shift+Ctrl+A
Add-remove object from selection	Shift+click
Lasso selection tool	Q
(in lasso mode) Add anchor to selection	Shift
(in lasso mode) Remove anchor from selection	Alt

Transformation	
Show-hide bounding box	Shift+Ctrl+B
Constraint movement by 45° direction	Shift (while moving object)
Constraint rotation by 45°	Shift (while rotating object)
Scale uniformly	Shift (while scaling object)
Scale centered	Alt (while scaling object)

Color	
Default color (black-white)	D
Swap active color box	X
Swap fill with stroke color	Shift+X
Eyedropper tool	i
Pick color only	Shift+click (while in eyedropper mode)

**Primitives**

(Primitive creation) Temporary move object	Spacebar
(Rectangle creation) Change corner radius	Up/Down arrow
(Rectangle/Circle creation) Make square/perfect-circle	Shift
(Rectangle/Circle creation) Change center	Alt
(Rectangle tool) Type-in creation	Alt+Click
(Polygon creation) Change number of sides	Up/Down arrow
(Polygon creation) Snap orientation	Shift

**Duplication**

Copy object to memory	Ctrl+C
Paste object at center screen	Ctrl+V
Paste object at original location	Shift+Ctrl+V
Paste object at the front of the original	Ctrl+F
Paste object at the back of the original	Ctrl+B
Quick duplicate object	Alt+Move-object
Repeat transformation / duplicated transformation	Ctrl+D

**Custom shapes**

Pencil tool	N
Curvature tool	Shift+~
(Curvature creation) Create sharp point	Alt+Click
Pen tool	P
(Pen tool) Temporary convert tool	Alt
(Pen tool) Temporary selection tool	Ctrl
(Pen tool creation) Create corner point	Click
(Pen tool creation) Create bezier point	Click-drag
(Pen tool bezier creation) Create bezier-corner point	Alt+drag
(Curvature/Pen tool creation) Finish up a curve	Esc or Ctrl+Click



### Composition

Move forward	Ctrl+]
Move backward	Ctrl+[
Move to front	Shift+Ctrl+]
Move to back	Shift+Ctrl+[
Group	Ctrl+G
Ungroup	Shift+Ctrl+G
Create clipping mask	Ctrl+7
Release clipping mask	Alt+Ctrl+7
Draw-inside mode	Shift+D (twice)
Create compound path	Ctrl+8
Release compound path	Shift+Ctrl+Alt+8

### Snapping

Smart guides	Ctrl+U
Show grid	Ctrl+''
Snap to grid	Shift+Ctrl+''
Snap to point	Alt+Ctrl+''

### Path Editing

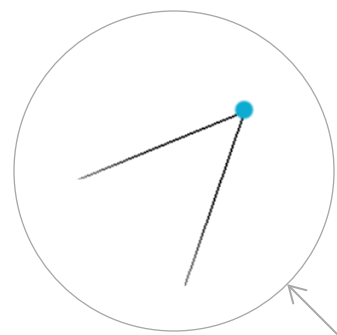
Join points	Ctrl+J
Average join points	Ctrl+Alt+J
Eraser tool	Shift+E
(Eraser/Brush tool) brush size	[ (small) ] (bigger)
Scissor tool	C

### Live Paint

Live-paint bucket tool	K
Live-paint selection tool	Shift+L
(in live-paint bucket tool) Temporary color picker	Alt

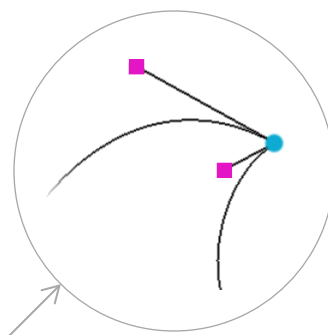
**CORNER**  
Sharp  
No handles

Created using	
Pen tool	Click
Anchor point tool	Click (on point)
Curvature tool	Alt+Click



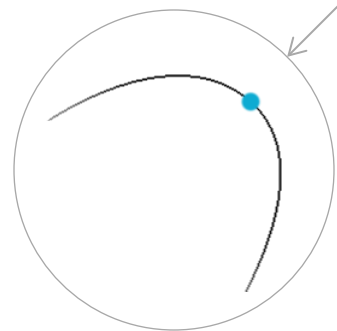
**BEZIER-CORNER**  
Can be sharp  
Asymmetrical handles

Created using	
Pen tool	Click-drag then Alt+Drag
Anchor point tool	Click-drag (on handle)



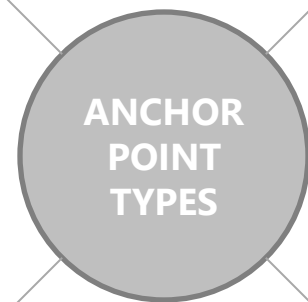
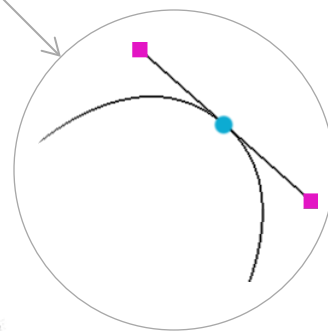
**SMOOTH**  
Automatic smoothing  
No handles

Created using	
Curvature tool	Click



**BEZIER**  
Smooth  
Symmetrical handles

Created using	
Pen tool	Click-drag
Anchor point tool	Click-drag (on point)



## Illustration Creation Workflow

Process VS. Result

