

# Vim Cheat Sheet

<b>Global</b> <b>:help keyword</b> - open help for keyword  <b>:saveas file</b> - save file as  <b>:close</b> - close current pane  <b>K</b> - open man page for word under the cursor	<b>Editing</b> <b>r</b> - replace a single character  <b>J</b> - join line below to the current one with one space in between  <b>gJ</b> - join line below to the current one without space in between  <b>gwap</b> - reflow paragraph  <b>cc</b> - change (replace) entire line  <b>C</b> - change (replace) to the end of the line  <b>c\$</b> - change (replace) to the end of the line  <b>ciw</b> - change (replace) entire word  <b>cw</b> - change (replace) to the end of the word  <b>s</b> - delete character and substitute text  <b>S</b> - delete line and substitute text (same as cc)  <b>xp</b> - transpose two letters (delete and paste)  <b>u</b> - undo  <b>Ctrl + r</b> - redo  <b>.</b> - repeat last command	<b>Cut and paste</b> <b>yy</b> - yank (copy) a line  <b>2yy</b> - yank (copy) 2 lines  <b>yw</b> - yank (copy) the characters of the word from the cursor position to the start of the next word  <b>y\$</b> - yank (copy) to end of line  <b>p</b> - put (paste) the clipboard after cursor  <b>P</b> - put (paste) before cursor  <b>dd</b> - delete (cut) a line  <b>2dd</b> - delete (cut) 2 lines  <b>dw</b> - delete (cut) the characters of the word from the cursor position to the start of the next word  <b>D</b> - delete (cut) to the end of the line  <b>d\$</b> - delete (cut) to the end of the line  <b>x</b> - delete (cut) character	<b>Working with multiple files</b> <b>:e file</b> - edit a file in a new buffer  <b>:bnext</b> or <b>:bn</b> - go to the next buffer  <b>:bprev</b> or <b>:bp</b> - go to the previous buffer  <b>:bd</b> - delete a buffer (close a file)  <b>:ls</b> - list all open buffers  <b>:sp file</b> - open a file in a new buffer and split window  <b>:vsp file</b> - open a file in a new buffer and vertically split window  <b>Ctrl + ws</b> - split window  <b>Ctrl + ww</b> - switch windows  <b>Ctrl + wq</b> - quit a window  <b>Ctrl + ww</b> - split window vertically  <b>Ctrl + wh</b> - move cursor to the left window (vertical split)  <b>Ctrl + wl</b> - move cursor to the right window (vertical split)  <b>Ctrl + wj</b> - move cursor to the window below (horizontal split)  <b>Ctrl + wk</b> - move cursor to the window above (horizontal split)	<b>Tabs</b> <b>:tabnew</b> or <b>:tabnew {page.words.file}</b> - open a file in a new tab  <b>Ctrl + wT</b> - move the current split window into its own tab  <b>gt</b> or <b>:tabnext</b> or <b>:tabn</b> - move to the next tab  <b>gT</b> or <b>:tabprev</b> or <b>:tabp</b> - move to the previous tab  <b>#gt</b> - move to tab number #  <b>:tabmove #</b> - move current tab to the #th position (indexed from 0)  <b>:tabclose</b> or <b>:tabc</b> - close the current tab and all its windows  <b>:tabonly</b> or <b>:tabo</b> - close all tabs except for the current one  <b>:tabdo</b> command - run the command on all tabs (e.g. <b>:tabdo q</b> - closes all opened tabs)
<b>Cursor movement</b> <b>h</b> - move cursor left  <b>j</b> - move cursor down  <b>k</b> - move cursor up  <b>l</b> - move cursor right  <b>H</b> - move to top of screen  <b>M</b> - move to middle of screen  <b>L</b> - move to bottom of screen  <b>w</b> - jump forwards to the start of a word  <b>W</b> - jump forwards to the start of a word (words can contain punctuation)  <b>e</b> - jump forwards to the end of a word  <b>E</b> - jump forwards to the end of a word (words can contain punctuation)  <b>b</b> - jump backwards to the start of a word  <b>B</b> - jump backwards to the start of a word (words can contain punctuation)  <b>%</b> - move to matching character (default supported pairs: '()', '{}', '[]' - use <b>:h matchpairs</b> in vim for more info)  <b>O</b> - jump to the start of the line  <b>^</b> - jump to the first non-blank character of the line  <b>\$</b> - jump to the end of the line  <b>g_</b> - jump to the last non-blank character of the line  <b>gg</b> - go to the first line of the document  <b>G</b> - go to the last line of the document  <b>5G</b> - go to line 5  <b>fx</b> - jump to next occurrence of character x  <b>tx</b> - jump to before next occurrence of character x  <b>Fx</b> - jump to previous occurrence of character x  <b>Tx</b> - jump to after previous occurrence of character x  <b>;</b> - repeat previous f, t, F or T movement	<b>Marking text (visual mode)</b> <b>v</b> - start visual mode, mark lines, then do a command (like y-yank)  <b>V</b> - start linewise visual mode  <b>O</b> - move to other end of marked area  <b>Ctrl + v</b> - start visual block mode  <b>O</b> - move to other corner of block  <b>aw</b> - mark a word  <b>ab</b> - a block with ()  <b>aB</b> - a block with {}  <b>ib</b> - inner block with ()  <b>iB</b> - inner block with {}  <b>Esc</b> - exit visual mode	<b>Exiting</b> <b>:w</b> - write (save) the file, but don't exit  <b>:w !sudo tee %</b> - write out the current file using sudo  <b>:wq</b> or <b>:x</b> or <b>ZZ</b> - write (save) and quit  <b>:q</b> - quit (fails if there are unsaved changes)  <b>:q!</b> or <b>ZQ</b> - quit and throw away unsaved changes  <b>:wqa</b> - write (save) and quit on all tabs	<b>Search and replace</b> <b>/pattern</b> - search for pattern  <b>?pattern</b> - search backward for pattern  <b>\vpattern</b> - 'very magic' pattern: non-alphanumeric characters are interpreted as special regex symbols (no escaping needed)  <b>n</b> - repeat search in same direction  <b>N</b> - repeat search in opposite direction  <b>:%s/old/new/g</b> - replace all old with new throughout file  <b>:%s/old/new/gc</b> - replace all old with new throughout file with confirmations  <b>:noh</b> - remove highlighting of search matches	
	<b>Visual commands</b> <b>&gt;</b> - shift text right  <b>&lt;</b> - shift text left  <b>y</b> - yank (copy) marked text  <b>d</b> - delete marked text  <b>~</b> - switch case	<b>Registers</b> <b>:reg</b> - show registers content  <b>"xy</b> - yank into register x	<b>Search in multiple files</b>	

<b>,</b> - repeat previous f, t, F or T movement, backwards	<b>"xp</b> - paste contents of register x	<b>:vimgrep /pattern/{`{file}`}</b> - search for pattern in multiple files
<b>}</b> - jump to next paragraph (or function/block, when editing code)	<b>Marks</b> <b>:marks</b> - list of marks	<b>:cn</b> - jump to the next match
<b>{</b> - jump to previous paragraph (or function/block, when editing code)	<b>ma</b> - set current position for mark A <b>`a</b> - jump to position of mark A	<b>:cp</b> - jump to the previous match
<b>zz</b> - center cursor on screen	<b>y`a</b> - yank text to position of mark A	<b>:copen</b> - open a window containing the list of matches
<b>Ctrl + e</b> - move screen down one line (without moving cursor)	<b>Macros</b> <b>qa</b> - record macro a <b>q</b> - stop recording macro	
<b>Ctrl + y</b> - move screen up one line (without moving cursor)	<b>@a</b> - run macro a <b>@@</b> - rerun last run macro	
<b>Ctrl + b</b> - move back one full screen		
<b>Ctrl + f</b> - move forward one full screen		
<b>Ctrl + d</b> - move forward 1/2 a screen		
<b>Ctrl + u</b> - move back 1/2 a screen		
<b>Insert mode - inserting/appending text</b>		
<b>i</b> - insert before the cursor		
<b>I</b> - insert at the beginning of the line		
<b>a</b> - insert (append) after the cursor		
<b>A</b> - insert (append) at the end of the line		
<b>o</b> - append (open) a new line below the current line		
<b>O</b> - append (open) a new line above the current line		
<b>ea</b> - insert (append) at the end of the word		
<b>Esc</b> - exit insert mode		