PyCharm Windows / Linux shortcuts

START HERE

Double › Shift
Search Everywhere

Shift + F10
Run

Ctrl + Shift + A
Find Action

Shift + F9
Debug

Alt + Enter
Quick-fix / intentions

Shift + F6
Rename

Ctrl + B
Go to declaration

Ctrl + K
Commit

Project folder plus Python interpreter
Run configuration script, pytest, module
Tool windows Run, Debug, Python Console, Terminal

CONCEPTS

> Forgot a shortcut? Press Ctrl+Shift+A and type the action name; the result shows its key.

> Default keymap on Windows and Linux. On macOS read Ctrl as Cmd and Alt as Option; many keys differ, so check the macOS keymap card.

> Same engine as IntelliJ IDEA, so most editing keys match the IntelliJ sheet; this one adds the Python run, console and test keys.

SEARCH & OPEN

Double › Shift
Search Everywhere
Files, classes, symbols and actions in one box.

Ctrl + Shift + A Find Action
Run any IDE command by name.

Ctrl + Shift + N Go to file

Ctrl + N Go to class

Ctrl + Alt + Shift + N
Go to symbol

Ctrl + E Recent files
Type to filter; also lists tool windows.

Ctrl + Shift + E
Recent locations

Ctrl + F12
File structure popup

Double › Ctrl Run Anything

Ctrl + Alt + S Open Settings

NAVIGATE

Ctrl + B
Go to declaration or usages

Alt + F7 Find usages

Ctrl + Alt + Left / Right
Back / forward

Ctrl + Alt + B
Go to implementations

Ctrl + U Go to super method

Ctrl + Shift + T
Go to test or back to code
Jumps between a module and its test; offers to create one.

Ctrl + G Go to line:column

Ctrl + Tab
Switcher: files and tool windows

NAVIGATE (cont.)

Alt + Left / Right
Previous / next tab

Alt + Up / Down
Previous / next function

F11 Toggle bookmark

EDIT

Ctrl + Z / Ctrl + Shift + Z
Undo / redo

Ctrl + D
Duplicate line or selection

Ctrl + Y Delete line

Alt + Shift + Up / Down
Move line up / down

Ctrl + Shift + Up / Down
Move statement up / down

Ctrl + / Toggle line comment

Ctrl + W / Ctrl + Shift + W
Extend / shrink selection

Ctrl + Shift + V
Paste from history

Ctrl + Shift + Enter
Complete current statement
Adds the colon and parentheses.

Alt + Insert Generate code
Methods, dunder methods, tests.

Ctrl + Alt + T Surround with

Ctrl + Alt + L Reformat code

Ctrl + Alt + O
Optimize imports

Ctrl + Shift + U Toggle case

COMPLETION & HELP

Ctrl + Space
Basic completion
Press again for a broader result list.

Ctrl + Shift + Space
Type-matching completion

Alt + Enter
Show context actions
Quick-fixes, import a name, convert string.

Ctrl + P Parameter info

Ctrl + Q
Quick documentation

Ctrl + Shift + I
Quick definition

Ctrl + F1
Show error description

F2 / Shift + F2
Next / previous code issue

MULTI-CURSOR

Alt + Shift + Click
Add or remove a caret

Alt + J
Add selection for next occurrence

Alt + Shift + J
Deselect last occurrence

Ctrl + Alt + Shift + J
Select all occurrences

Alt + Shift + Insert
Column selection mode

FIND & REPLACE

Ctrl + F Find in file

Ctrl + R Replace in file

Ctrl + Shift + F Find in files

Ctrl + Shift + R
Replace in files

Ctrl + Shift + F7
Highlight usages in file

REFACTOR

Shift + F6 Rename
Updates all usages, optionally comments and strings.

Ctrl + Alt + Shift + T
Refactor this
Menu of refactorings valid at the caret.

Ctrl + Alt + M
Extract method

Ctrl + Alt + V
Introduce variable

Ctrl + Alt + C
Introduce constant

Ctrl + Alt + N Inline

F6 Move

Ctrl + F6 Change signature

RUN & DEBUG

Shift + F10
Run current configuration

Shift + F9
Debug current configuration

Ctrl + Shift + F10
Run file or test at caret
Creates a configuration from the context, e.g. one pytest test.

Alt + Shift + F10
Choose configuration and run

Alt + Shift + F9
Choose configuration and debug

RUN & DEBUG (cont.)

Ctrl + F8
Toggle line breakpoint

F8 / F7 / Shift + F8
Step over / into / out

F9 Resume program

Alt + F8 Evaluate expression

Alt + F9 Run to cursor

Ctrl + F2 Stop

PYTHON CONSOLE

Alt + Shift + E
Execute selection in console
Starts the Python Console if it is not open.

Ctrl + Enter
Execute statement in console
Inside the console input.

Shift + Enter
New line without executing
Inside the console input.

Ctrl + Up / Down
Console command history

Alt + F12 Terminal

VERSION CONTROL

Alt + `
VCS operations popup

Ctrl + K Commit

Ctrl + Shift + K Push

Ctrl + T Update project

Ctrl + Alt + Z Rollback

WINDOWS

Alt + 1 Project tool window

Escape Back to the editor

Shift + Escape
Hide active tool window

RECIPES

Run one test

```
Caret inside test_foo
Ctrl+Shift+F10 runs it
Shift+F10 reruns the last
config
```

Debug a failing line

```
Ctrl+F8 on the line
Shift+F9 to start
F8 over, F7 into, Alt+F8 to
inspect
```

Edit all matches at once

```
Select word, Alt+J (repeat)
Ctrl+Alt+Shift+J selects all
Type, then Escape
```