PyCharm Windows / Linux shortcuts

START HERE

- Double › Shift — Search Everywhere
- Ctrl + Shift + A — Find Action
- Alt + Enter — Quick-fix / intentions
- Ctrl + B — Go to declaration
- Shift + F10 — Run
- Shift + F9 — Debug
- Shift + F6 — Rename
- 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.

SEARCH & OPEN (cont.)

Ctrl + Shift + E
Recent locations

Ctrl + F12
File structure popup

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.

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

EDIT (cont.)

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

COMPLETION & HELP

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

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

Ctrl + P — Parameter info

Ctrl + Q
Quick documentation

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

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

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

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

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.

PYTHON CONSOLE (cont.)

Ctrl + Up / Down
Console command history

Alt + F12 — Terminal

VERSION CONTROL

Alt + `
VCS operations popup

Ctrl + K — Commit

Ctrl + Shift + K — Push

WINDOWS

Alt + 1 — Project tool window

Escape — Back to the editor

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
```