

Setup:Installation Guide/System Preparation/Windows/Python

A [quality version](#) of this page, [approved](#) on *25 October 2021*, was based off this revision.

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Python with the extension Pygmentize is needed for the rendering of the MediaWiki extension "SyntaxHighlight", which is part of BlueSpice. The steps listed here are required.

Downloading Python

In Internet Explorer, open the [official download page](#) (1). Switch to the download page for Windows (2).

python.org/downloads

python

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Download the latest version for Windows

Download Python 3.10.0

Looking for Python with a different OS? Python for **Windows**, Linux/UNIX, macOS, Other

Want to help test development versions of Python? [Pre-releases](#), [Docker images](#)

Looking for Python 2.7? See below for specific releases

Active Python Releases

For more information visit the Python Developer's Guide.

Python version	Maintenance status	First released	End of support	Release schedule
3.10	bugfix	2021-10-04	2026-10	PEP 619
3.9	bugfix	2020-10-05	2025-10	PEP 596
3.8	security	2019-10-14	2024-10	PEP 569
3.7	security	2018-06-27	2023-06-27	PEP 537
3.6	security	2016-12-23	2022-12-23	PEP 494
2.7	end-of-life	2010-07-03	2020-01-01	PEP 373

Select the "executable installer" (64-bit):

python.org/downloads/windows/

- Download Windows help file
- Download Windows installer (32-bit)
- Download Windows installer (64-bit)

Python 3.9.1 - Dec 7, 2020

Note that Python 3.9.1 cannot be used on Windows 7 or earlier.

- Download Windows embeddable package (32-bit)
- Download Windows embeddable package (64-bit)
- Download Windows help file
- Download Windows installer (32-bit)
- Download Windows installer (64-bit)

Python 3.9.0 - Oct 5, 2020

Note that Python 3.9.0 cannot be used on Windows 7 or earlier.

- Download Windows help file
- Download Windows x86-64 embeddable zip file
- Download Windows x86-64 executable installer
- Download Windows x86 web-based installer
- Download Windows x86 embeddable zip file
- Download Windows x86 executable installer
- Download Windows x86 web-based installer

Python 3.8.6 - Sept. 24, 2020

Note that Python 3.8.6 cannot be used on Windows XP or earlier.

- Download Windows help file
- Download Windows x86 web-based installer
- Python 3.9.0rc2 - Sept. 17, 2020
- Download Windows help file
- Download Windows x86-64 embeddable zip file
- Download Windows x86-64 executable installer
- Download Windows x86-64 web-based installer
- Download Windows x86 embeddable zip file
- Download Windows x86 executable installer
- Download Windows x86 web-based installer
- Python 3.5.10rc1 - Aug. 22, 2020
- No files for this release.
- Python 3.9.0rc1 - Aug. 11, 2020
- Download Windows help file
- Download Windows x86-64 embeddable zip file
- Download Windows x86-64 executable installer
- Download Windows x86-64 web-based installer
- Download Windows x86 embeddable zip file
- Download Windows x86 executable installer
- Download Windows x86 web-based installer
- Python 3.9.0b5 - July 20, 2020
- Download Windows help file
- Download Windows x86-64 embeddable zip file

Follow the further download instructions and download the installation package to your hard drive.



Please note that the download on your Windows Server with Internet Explorer will only work if you have configured the Internet Explorer Advanced Security Settings in the Server Manager. Please refer to the technical documentation from Microsoft.



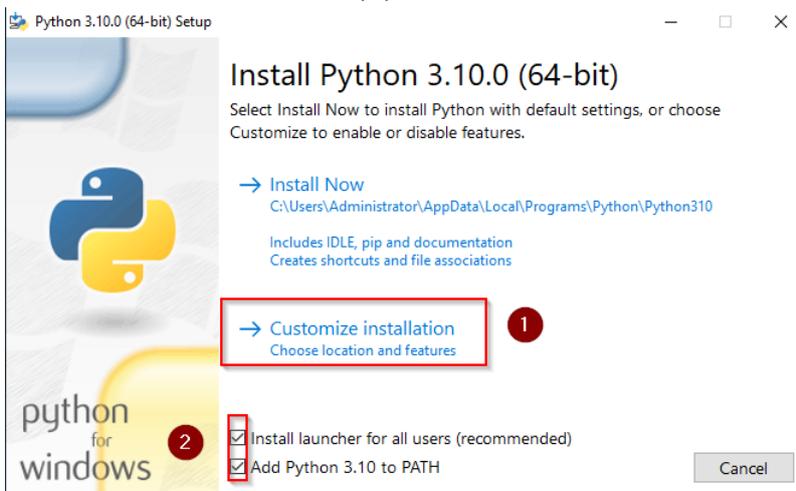
In this guide, Python is used in version 3.10.0 as an example. You can download the latest version at the time of installation.

Installing Python

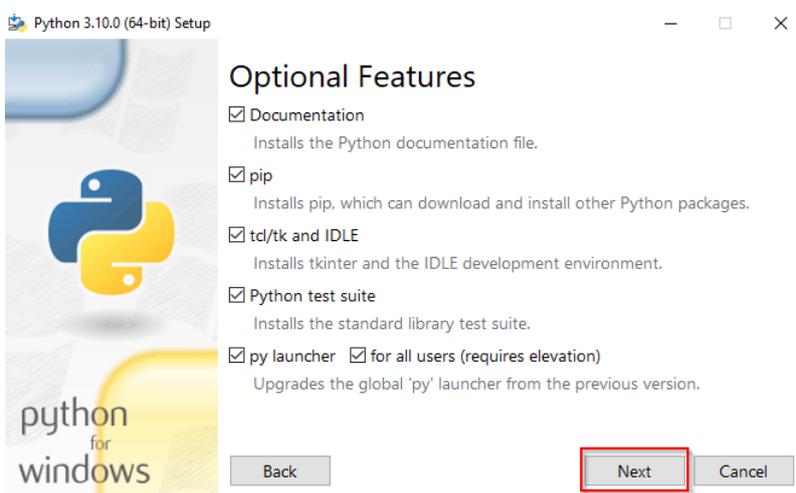
Open the just-downloaded python-3.10.0-amd64.exe file.

Start the installation by clicking "Next".

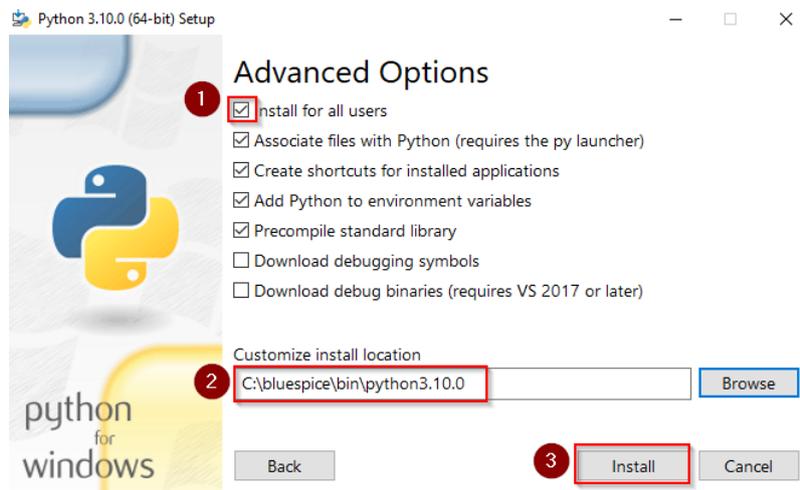
Confirm both checkboxes (1) and then click "Customize installation" (2):



Confirm the next step with "Next":

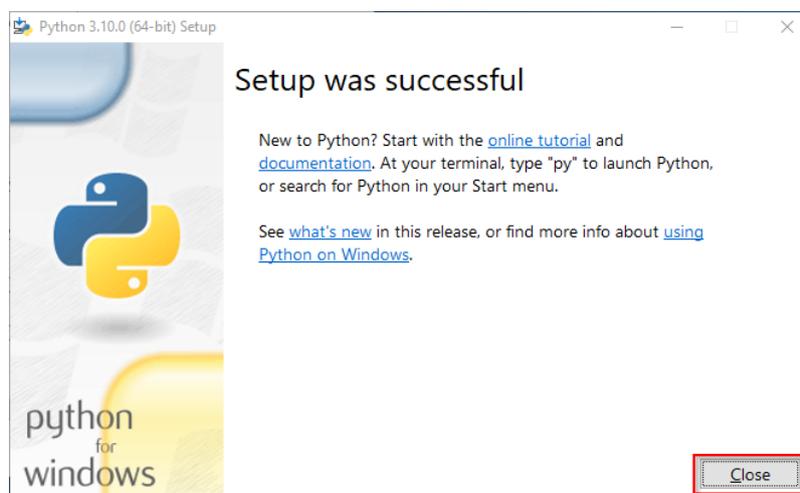


Make sure to install Python for all users (1) . Choose an appropriate path, if possible without spaces and special characters (2), and start the installation by clicking "Install" (3).



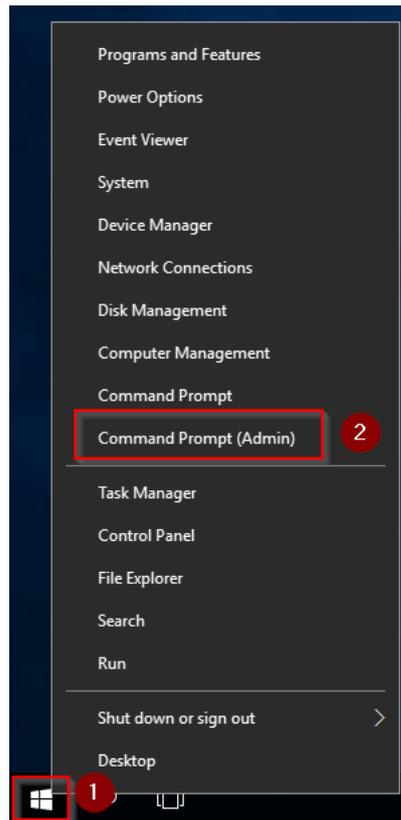
This documentation is based on the folder structure [recommended by us](#). For this reason, the default path for Python installation is set to the folder C:\bluespice\bin\python-3.10.0. If you have different requirements, you must adapt these paths accordingly.

Finish the installation by clicking "Close":



Installing Pygmentize

Open the command prompt with admin permissions. To do this, right-click "Start" (1) and select "Command Prompt (Administrator)" (2):



Enter the command "*pip install pygments*" and wait for the process to finish:

```
Administrator: Eingabeaufforderung
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. Alle Rechte vorbehalten.

C:\Windows\system32>pip install pygments
Collecting pygments
  Downloading https://files.pythonhosted.org/packages/5c/73/1dfa428150e3ccb0fa3e68d406e5be48698f2a979ccbcec795f28f44048
/Pgments-2.4.2-py2.py3-none-any.whl (883kB)
  100% |#####| 890kB 6.6MB/s
Installing collected packages: pygments
Successfully installed pygments-2.4.2
You are using pip version 19.0.3, however version 19.2.3 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Windows\system32>
```

Important! The `pygmentize` binary needs to be executable by the webserver user ([see installation instructions for SyntaxHighlight](#)).

Next step

If you have completed all steps successfully, you can delete the previously downloaded file "python-3.10.0-amd64.exe" from your hard drive. If you install BlueSpice pro, go to the next step "[PhantomJS](#)". If you install BlueSpice free, you can now continue with [Installing BlueSpice](#).

