



## Tkinter Sizegrip

If this Python Tutorial saves you hours of work, please **whitelist it in your ad blocker** 🙏 and

Donate Now

(<https://www.pythontutorial.net/donation/>)

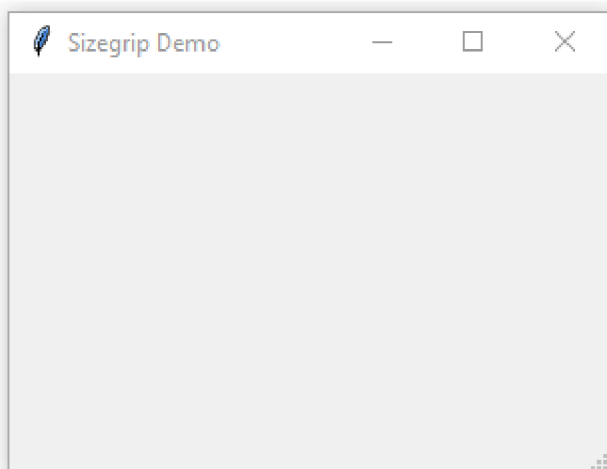
to help us ❤️ pay for the web hosting fee and CDN to keep the

website running.

**Summary:** in this tutorial, you'll learn how to use the Tkinter **Sizegrip** widget that allows you to resize the entire application window.

## Introduction to the Tkinter Sizegrip widget

The **Sizegrip** widget typically locates in the bottom right corner of the window. It allows you to resize the enter application window:



To create a `Sizegrip` widget, you use the following syntax:

```
ttk.Sizegrip(parent, **option)
```

To make sure the `Sizegrip` widget works properly, you need to make the root window resizable.

If you use the grid geometry manager, you need to configure column and row sizes.

## Tkinter Sizegrip widget example

The following program displays a `Sizegrip` at the bottom right of the root window:

```
import tkinter as tk
from tkinter import ttk

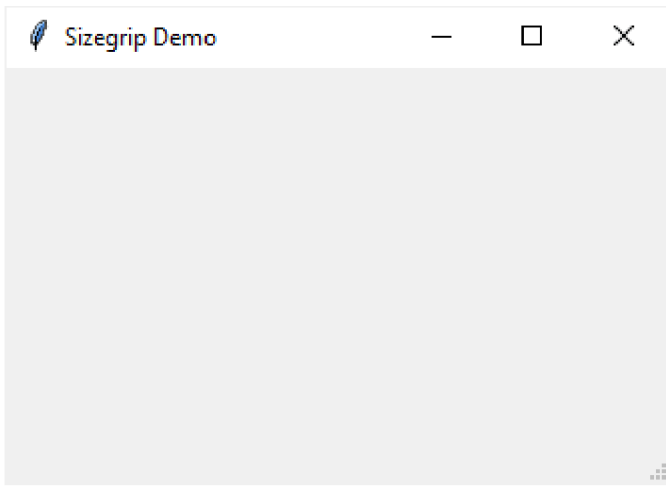
root = tk.Tk()
root.title('Sizegrip Demo')
root.geometry('300x200')
root.resizable(True, True)

# grid layout
root.columnconfigure(0, weight=1)
root.rowconfigure(0, weight=1)

# create the sizegrip
sg = ttk.Sizegrip(root)
sg.grid(row=1, sticky=tk.SE)

root.mainloop()
```

Output:



How it works.

First, make sure the root window is resizable:

```
root.resizable(True, True)
```

Second, configure the grid layout:

```
root.columnconfigure(0, weight=1)
root.rowconfigure(0, weight=1)
```

Third, create a `Sizegrip` widget:

```
sg = ttk.Sizegrip(root)
sg.grid(row=1, sticky=tk.SE)
```

## Summary

- Use the Tkinter `Sizegrip` widget to allow users to resize the entire window application.