

[Documentation](#)

*search*

Search

- [rocket launch](#)

[Get started](#)

- [Installation](#)  
*add*
- [Fundamentals](#)  
*add*
- [First steps](#)  
*add*
- [code](#)

[Develop](#)

- [Concepts](#)  
*add*
- [API reference](#)  
*remove*
  - PAGE ELEMENTS

---
  - [Write and magic](#)  
*add*
  - [Text elements](#)  
*add*
  - [Data elements](#)  
*add*
  - [Chart elements](#)  
*add*
  - [Input widgets](#)  
*add*
  - [Media elements](#)  
*add*
  - [Layouts and containers](#)  
*add*
  - [Chat elements](#)  
*add*
  - [Status elements](#)  
*add*
  - [Third-party components](#)*open in new*
  - APPLICATION LOGIC

---
  - [Navigation and pages](#)  
*add*
  - [Execution flow](#)  
*add*
  - [Caching and state](#)  
*add*
  - [Connections and secrets](#)  
*add*
  - [Custom components](#)

*add*

- [Utilities](#)

*add*

- [Configuration](#)

*remove*

- [config.toml](#)
- [st.get\\_option](#)
- [st.set\\_option](#)
- [st.set\\_page\\_config](#)

- TOOLS

---

- [App testing](#)

*add*

- [Command line](#)

*add*

- [Tutorials](#)

*add*

- [Quick reference](#)

*add*

- [web\\_asset](#)

## [Deploy](#)

- [Concepts](#)

*add*

- [Streamlit Community Cloud](#)

*add*

- [Snowflake](#)

- [Other platforms](#)

*add*

- [school](#)

## [Knowledge base](#)

- [FAQ](#)

- [Installing dependencies](#)

- [Deployment issues](#)

- [Home/](#)
- [Develop/](#)
- [API reference/](#)
- [Configuration/](#)
- [st.set\\_page\\_config](#)

# st.set\_page\_config



Streamlit Version  ▼

Configures the default settings of the page.

Note

This must be the first Streamlit command used on an app page, and must only be set once per page.

```
st.set_page_config(page_title=None, page_icon=None, layout="centered", initial_sidebar_state="auto",
                  menu_items=None)
```

## Parameters

page_title (str or None)	<p>The page title, shown in the browser tab. If None, defaults to the filename of the script ("app.py" would show "app • Streamlit").</p>
page_icon (Anything supported by st.image (except list), str, or None)	<p>The page favicon. If page_icon is None (default), the favicon will be a monochrome Streamlit logo.</p> <p>In addition to the types supported by <a href="#">st.image</a> (except list), the following strings are valid:</p> <ul style="list-style-type: none"> <li>• A single-character emoji. For example, you can set page_icon="🐙".</li> <li>• An emoji short code. For example, you can set page_icon=":shark:". For a list of all supported codes, see <a href="https://share.streamlit.io/streamlit/emoji-shortcodes">https://share.streamlit.io/streamlit/emoji-shortcodes</a>.</li> <li>• The string literal, "random". You can set page_icon="random" to set a random emoji from the supported list above. Emoji icons are courtesy of Twemoji and loaded from MaxCDN.</li> <li>• An icon from the Material Symbols library (rounded style) in the format ":material/icon_name:" where "icon_name" is the name of the icon in snake case.</li> </ul> <p>For example, icon=":material/thumb_up:" will display the Thumb Up icon. Find additional icons in the <a href="#">Material Symbols</a> font library.</p>
layout ("centered" or "wide")	<p>Note</p> <p>Colors are not supported for Material icons. When you use a Material icon for favicon, it will be black, regardless of browser theme.</p> <p>How the page content should be laid out. Defaults to "centered", which constrains the elements into a centered column of fixed width; "wide" uses the entire screen.</p>
initial_sidebar_state ("auto", "expanded", or "collapsed")	<p>How the sidebar should start out. Defaults to "auto", which hides the sidebar on small devices and shows it otherwise. "expanded" shows the sidebar initially; "collapsed" hides it. In most cases, you should just use "auto", otherwise the app will look bad when embedded and viewed on mobile.</p>
menu_items (dict)	<p>Configure the menu that appears on the top-right side of this app. The keys in this dict denote the menu item you'd like to configure:</p> <ul style="list-style-type: none"> <li>• "Get help": str or None The URL this menu item should point to. If None, hides this menu item.</li> <li>• "Report a Bug": str or None The URL this menu item should point to. If None, hides this menu item.</li> <li>• "About": str or None A markdown string to show in the About dialog. If None, only shows Streamlit's default About text.</li> </ul>

```
st.set_page_config(page_title=None, page_icon=None, layout="centered", initial_sidebar_state="auto", menu_items=None)
```

The URL may also refer to an email address e.g. `mailto:john@example.com`.

## Example

```
import streamlit as st

st.set_page_config(
    page_title="Ex-stream-ly Cool App",
    page_icon="📄",
    layout="wide",
    initial_sidebar_state="expanded",
    menu_items={
        'Get Help': 'https://www.extremelycoolapp.com/help',
        'Report a bug': "https://www.extremelycoolapp.com/bug",
        'About': "# This is a header. This is an *extremely* cool app!"
    }
)
```

[←Previous: st.set\\_option](#)[Next: App testing→](#)  
*forum*

## Still have questions?

Our [forums](#) are full of helpful information and Streamlit experts.

---

[Home](#)[Contact Us](#)[Community](#)



© 2025 Snowflake Inc. [Cookie policy](#)

*forum* [Ask AI](#)