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# st.color\_picker



Streamlit Version  ▼

Display a color picker widget.

## Function signature[\[source\]](#)

```
st.color_picker(label, value=None, key=None, help=None, on_change=None, args=None, kwargs=None, *,
disabled=False, label_visibility="visible")
```

## Parameters

A short label explaining to the user what this input is for. The label can optionally contain GitHub-flavored Markdown of the following types: Bold, Italics, Strikethroughs, Inline Code, Links, and Images. Images display like icons, with a max height equal to the font height.

Unsupported Markdown elements are unwrapped so only their children (text contents) render. Display unsupported elements as literal characters by backslash-escaping them. E.g., "1\ . Not an ordered list".

See the body parameter of [st.markdown](#) for additional, supported Markdown directives.

For accessibility reasons, you should never set an empty label, but you can hide it with `label_visibility` if needed. In the future, we may disallow empty labels by raising an exception.

value (str) The hex value of this widget when it first renders. If None, defaults to black.

## Returns

(str) The selected color as a hex string.

## Function signature[\[source\]](#)

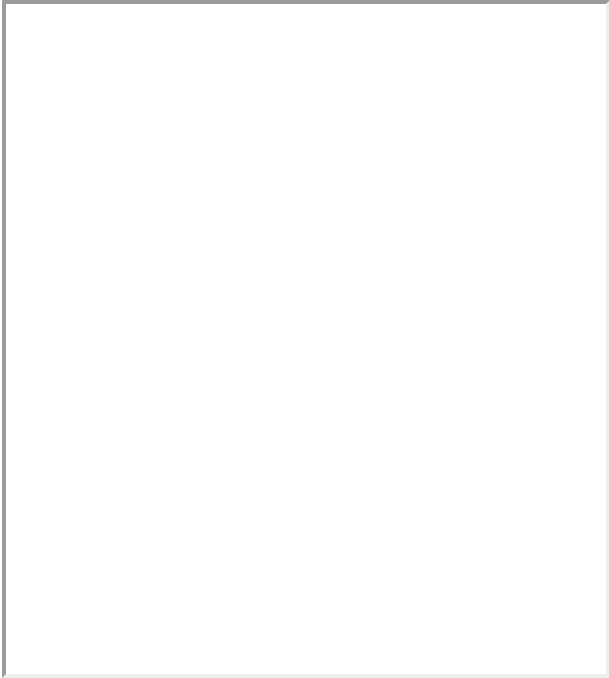
**`st.color_picker(label, value=None, key=None, help=None, on_change=None, args=None, kwargs=None, *, disabled=False, label_visibility="visible")`**

key (str or int)	An optional string or integer to use as the unique key for the widget. If this is omitted, a key will be generated for the widget based on its content. No two widgets may have the same key.
help (str)	An optional tooltip that gets displayed next to the widget label. Streamlit only displays the tooltip when <code>label_visibility="visible"</code> .
on_change (callable)	An optional callback invoked when this <code>color_picker</code> 's value changes.
args (tuple)	An optional tuple of args to pass to the callback.
kwargs (dict)	An optional dict of kwargs to pass to the callback.
disabled (bool)	An optional boolean that disables the color picker if set to <code>True</code> . The default is <code>False</code> .
label_visibility ("visible", "hidden", or "collapsed")	The visibility of the label. The default is <code>"visible"</code> . If this is <code>"hidden"</code> , Streamlit displays an empty spacer instead of the label, which can help keep the widget aligned with other widgets. If this is <code>"collapsed"</code> , Streamlit displays no label or spacer.
Returns	
(str)	The selected color as a hex string.

## Example

```
import streamlit as st

color = st.color_picker("Pick A Color", "#00f900")
st.write("The current color is", color)
```



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