

# Learning resources

New to Material UI? Get up to speed quickly with our curated list of learning resources.

## Your first component

The following code snippet demonstrates a basic Material UI app that features a `<Button>` component:

```
import * as React from 'react';
import ReactDOM from 'react-dom';
import Button from '@mui/material/Button';

function App() {
  return (
    <Button variant="contained" color="primary">
      Hello World
    </Button>
  );
}

ReactDOM.render(<App />, document.querySelector('#app'));
```

In the interactive demo below, try changing the code and see how it affects the output. (Hint: change `variant` to `"outlined"` and `color` to `"secondary"`. For more options, see the [Button component page](#).)

```
{{"demo": "../usage/Usage.js", "hideToolbar": true, "bg": true}}
```

## Example projects

Visit the [example projects](#) page to see how we recommend implementing Material UI with various React libraries and frameworks like Next.js, Gatsby, Create React App, and more.

## Templates

Check out our [selection of basic templates](#) to get started building your next app more quickly.

## Recommended resources

Beyond our official documentation, there are countless members of our community who create fantastic tutorials and guides for working with Material UI.

The following is a curated list of some of the best third-party resources we've found for learning how to build beautiful apps with our components.

### Free

- [Material UI v5 Crash Course](#) video by Laith Harb: everything you need to know to start building with the latest version of Material UI.
- [React + Material UI - From Zero to Hero](#) video series by The Atypical Developer: build along with this in-depth series, from basic installation through advanced component implementation.

- [Next.js 11 Setup with Material UI v5](#) by Leo Roesse: learn how to integrate Material UI into your Next.js app, using Emotion as the style engine.
- [Create a Responsive Navigation Bar with Material UI v5](#) by Nikhil Thadani: detailed walkthrough using Material UI with Create React App.
- [The Clever Dev](#) and [The Smart Devpreneur](#) by Jon M: dozens of high-quality videos and articles digging deep into the nuts and bolts of Material UI.