

## React Styling

Styling React components can be done in multiple ways

### CSS Style sheets (Global CSS)

You can use standard CSS files and import them into your component.

CSS

```
/* styles.css */  
.button {  
  background-color: blue;  
  color: white;  
  padding: 10px;  
  border-radius: 5px;  
}
```

jsx

```
import './styles.css';  
  
function MyComponent() {  
  return <button className="button">Click Me</button>;  
}
```

### Inline Styles (JS Object)

You can apply styles using JavaScript objects.

```
function MyComponent() {  
  const buttonStyle = {  
    backgroundColor: "green",  
    color: "white",  
    padding: "10px",  
    borderRadius: "5px",  
  };  
  
  return <button style={buttonStyle}>Click Me</button>;  
}
```

## Bootstrap / Tailwind CSS

Follow below steps to use Bootstrap in React

[Install Bootstrap via npm](#)

```
npm install bootstrap
```

[Import Bootstrap CSS in index.js](#)

```
jsx

import "bootstrap/dist/css/bootstrap.min.css";

function App() {
  return (
    <div className="container text-center mt-5">
      <h1 className="text-primary">Hello, Bootstrap!</h1>
      <button className="btn btn-success">Click Me</button>
    </div>
  );
}
```

Then use Bootstrap built in classes in JSX elements of components

Or you can also use bootstrap via CDN

[Add Bootstrap CDN to index.html](#)

Add css path in link tag in head and add js path in script tag in body

```
html

<head>
  <link
    rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
  />
</head>
```

## Use Bootstrap classes in React components

```
jsx

function App() {
  return (
    <div className="container text-center mt-5">
      <h1 className="text-danger">Bootstrap with CDN</h1>
      <button className="btn btn-warning">Click Me</button>
    </div>
  );
}

export default App;
```

## React Bootstrap (Component-Based)

Instead of using Bootstrap classes directly, you can use **React Bootstrap**, which provides pre-built components.

### Install React Bootstrap

```
bash

npm install react-bootstrap bootstrap
```

### Import and Use Bootstrap Components

```
jsx

import "bootstrap/dist/css/bootstrap.min.css";
import { Button, Container } from "react-bootstrap";

function App() {
  return (
    <Container className="text-center mt-5">
      <h1>React Bootstrap Example</h1>
      <Button variant="primary">Click Me</Button>
    </Container>
  );
}

export default App;
```

## Preferred Way of using Bootstrap

- **Use npm installation** if you want full control and maintainability.
- **Use CDN** if you need a quick setup without installation.
- **Use React Bootstrap** if you prefer component-based styling.

## Conclusion

Thus you can go in various ways to style react components.