

# React - CSS

Topics : [React JS](#)

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In React, you can style your components using CSS in several ways. Here are common approaches:

## 1. Inline Styles:

You can apply styles directly to your React elements using inline styles. Inline styles are defined as JavaScript objects where keys are CSS properties in camelCase:

```
import React from 'react';

const MyComponent = () => {
  const style = {
    color: 'blue',
    fontSize: '16px',
    // ... other CSS properties
  };

  return (
    <div style={style}>
      Hello, I'm styled with inline styles!
    </div>
  );
};

export default MyComponent;
```

Keep in mind that inline styles can become unwieldy for complex styles and don't support pseudo-classes or media queries directly.

## 2. CSS Modules:

CSS Modules allow you to write CSS styles in separate files and import them into your React components. This approach helps keep your styles modular and scoped to specific components:

```
// styles.module.css
.myComponent {
  color: blue;
  font-size: 16px;
}

// MyComponent.js
```

```
import React from 'react';
import styles from './styles.module.css';

const MyComponent = () => {
  return (
    <div className={styles.myComponent}>
      Hello, I'm styled with CSS Modules!
    </div>
  );
};

export default MyComponent;
```

### 3. Styled Components:

The styled-components library allows you to write CSS directly within your JavaScript files using tagged template literals. It promotes the creation of components with encapsulated styles:

```
import React from 'react';
import styled from 'styled-components';

const StyledDiv = styled.div`
  color: blue;
  font-size: 16px;
`;

const MyComponent = () => {
  return (
    <StyledDiv>
      Hello, I'm styled with styled-components!
    </StyledDiv>
  );
};

export default MyComponent;
```

### 4. CSS-in-JS Libraries:

Various CSS-in-JS libraries, such as Emotion or JSS, offer additional ways to write styles directly in your JavaScript files. These libraries often provide features like dynamic styles and theming:

```
// Example with Emotion
import React from 'react';
import { css } from '@emotion/css';

const myComponentStyle = css`
  color: blue;
  font-size: 16px;
`;

const MyComponent = () => {
  return (
    <div className={myComponentStyle}>
```

Hello, I'm styled with Emotion!

</div>

);

};

export default MyComponent;

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