Some ways in which you can style your react app:

Inline styles

CSS classes

styled-components

CSS modules

Lets take dynamic button styling for example.

Inline Styles

```
function App() {
  const [bgColor, setBgColor] = useState('red');
  const handleBgChange = () => {
    setBgColor('blue');
  }

  return (
    <button
      onClick={handleBgChange}
      style={{
        background: bgColor
      }}>Click Me</button>
  );
}
```

called on click

Click me → *on click* → Click me

CSS Classes

Define your classes in CSS file.

```css
.bg-blue {
    background: blue;
}

.bg-red {
    background: red;
}
```

Swipe for 'App.js'

initial state is false
hence we get red

App.js

```jsx
function App() {
  const [toggle, setToggle] = useState(false);
  const handleToggleChange = () => {
    setToggle(!toggle);
  }
  const buttonClass = toggle ? '.bg-red' : '.bg-blue';

  return (
    <button
      className={buttonClass}
      onClick={() => setToggle(!toggle)}
    >Click Me</button>
  );
}
```

and on click it changes
to true

Click me → on click → Click me

toggle value
false

toggle value
true

Swipe →

styled-components

```
$npm i styled-components
```

App.js

```javascript
const Button = styled.button`
    background-color: ${props => props.isClicked ?
'red' : 'yellow' };
    border: none;
`;

function App() {
  const [isClicked, setIsClicked] = useState(false);

  return (
  <Button isClicked={isClicked} onClick={() =>
setIsClicked(!isClicked)}>
     Click Me
   </Button>
  );
}
```

define button
properties here

Click me ———— on click ————→ Click me

CSS modules

Define the styles in 'Button.module.css'
It provides encapsulation to all our styles!

```css
Button.module.css

.bg-yellow {
    background-color: yellow;
}

.bg-green {
    background-color: green;
}
```

And import it in 'App.js'

You can use the styles module like regular classes!

```
                    App.js

import styles from "./Button.module.css";

function App() {

  return (
    <button                              like this
      className={`${styles["bg-yellow"]}`}  ←
    >Click Me</button>
  );
}
```

Click me

To better understand this topic check out **this video** on my **YouTube** channel.

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