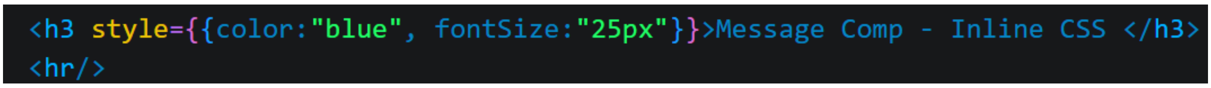
1. Inline Styling (Style Attribute)

Uses a JavaScript object instead of a string.

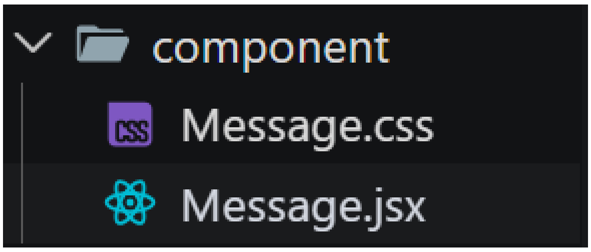


```
<h3 style={{color:"blue", fontSize:"25px"}}>Message Comp - Inline CSS </h3>
<hr/>
```

2. Internal CSS (Component-Level CSS Object)

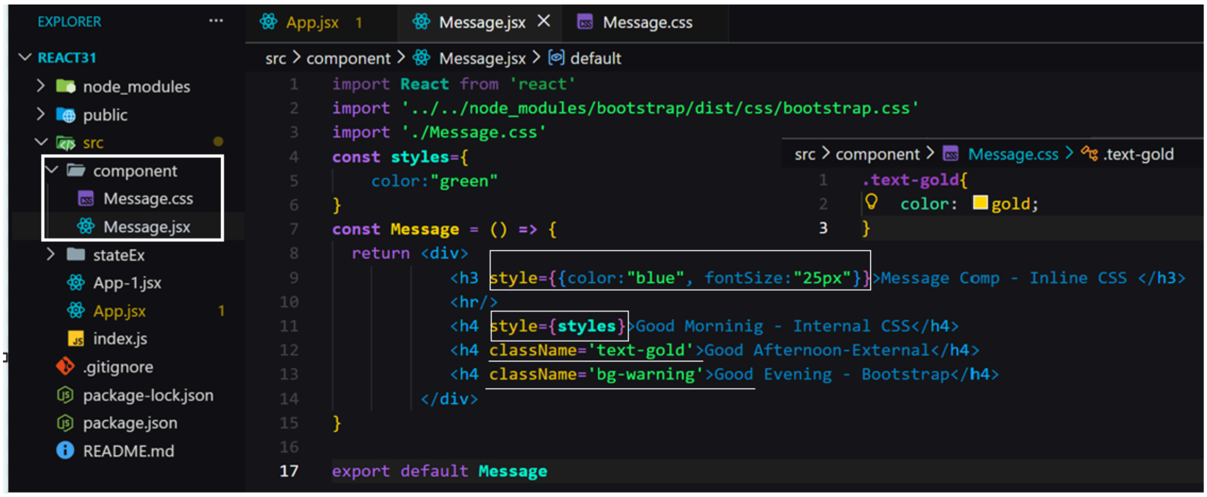
Create a style object and use it.

3.External CSS File (Most Common).



```
component
    Message.css
    Message.jsx
```

4.Bootstrap / Material UI / UI Libraries



```
import React from 'react'
import '../../node_modules/bootstrap/dist/css/bootstrap.css'
import './Message.css'
const styles={
    color:"green"
}
const Message = () => {
  return <div>
            <h3 style={{color:"blue", fontSize:"25px"}}>Message Comp - Inline CSS </h3>
            <hr/>
            <h4 style={styles}>Good Morninig - Internal CSS</h4>
            <h4 className='text-gold'>Good Afternoon-External</h4>
            <h4 className='bg-warning'>Good Evening - Bootstrap</h4>
        </div>
}

export default Message
```

```
.text-gold{
    color: gold;
}
```

className vs class ?

In React JS, we use `className` instead of `class` because `class` is a reserved keyword in JavaScript.

Here's the full explanation in simple terms:

Reason 1: `class` is a JavaScript keyword

In JavaScript, `class` is used to define classes:

```
class Employee{
  constructor() {}
}
```

Because `class` already has meaning in JS, React JSX **cannot reuse it for HTML CSS classes**.

So JSX uses **`className`** to avoid conflicts.

Reason 2: JSX ≠ HTML (JSX is JavaScript)

JSX **looks like HTML**, but it's not HTML.
It is **JavaScript syntax** that converts to:

```
React.createElement(...)
```

When JSX sees:

```
<div class="box"></div>
```

It gets confused because `class` is already taken by JavaScript.

So React designers replaced it with:

```
<div className="box"></div>
```

This avoids syntax errors.

Reason 3:React DOM maps `className` → `class` automatically

React converts it:

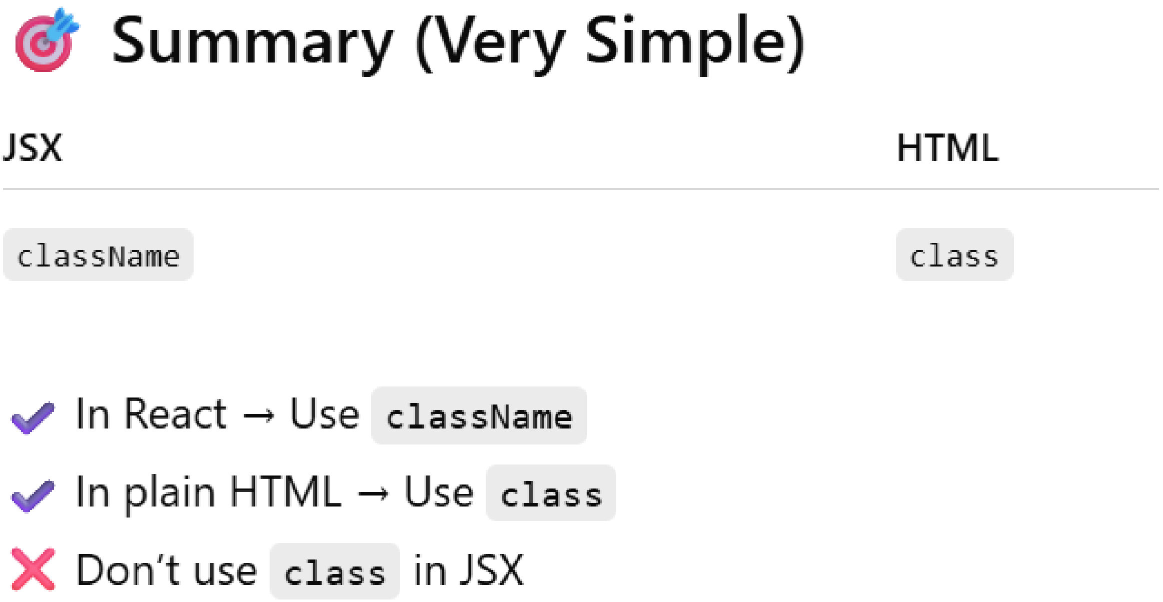
JSX:

```
<div className="box"></div>
```

Browser HTML output:

```
<div class="box"></div>
```

So **you still get normal HTML** in the browser.



🎯 Summary (Very Simple)

JSX	HTML
`className`	`class`

✔ In React → Use `className`

✔ In plain HTML → Use `class`

❌ Don't use `class` in JSX