



styled-components

Matt Hamil

NashReact Meetup

Who am I?



@_matthamil



github.com/matthamil

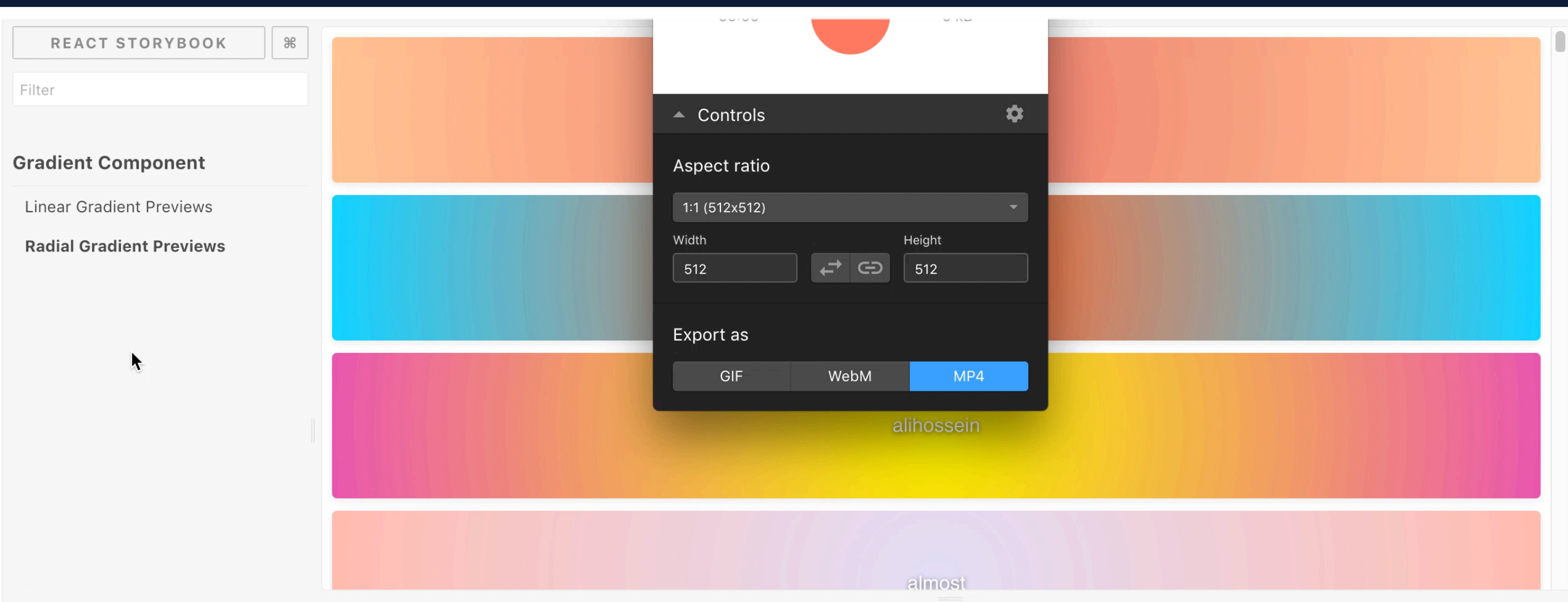


@matthamil

uiGradients

`$ npm install uigradients`

`$ yarn add uigradients`



What are components?

Tweets component



Matt Hamil

@_matthamil

ENTP 🌸 Junior developer 💻 NSS graduate 🍵 loose-leaf tea connoisseur 😊 DM if there's any way I can help you!

📍 Nashville, TN

🔗 matthamil.me

📅 Joined March 2011

📷 16 Photos and videos

TWEETS
342

FOLLO
449

FOLLOWERS
226

LIKES
728

MOMENTS
0

Edit profile

Tweets

Tweets & replies

Media

Pinned Tweet



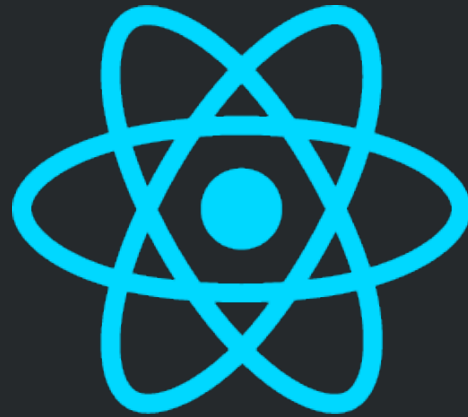
Matt Hamil @_matthamil · Jan 4

I'll be giving a talk on [@mxstbr](#) 's styled-components in React at [@NashReact](#) on Jan at 6pm!



NashReact

Matt Hamil will be speaking on Styled Components. Looking to speak on something in the React ecosystem?



```
import React, { Component } from 'react';
import Tweet from '../components/Tweet';

class Tweets extends Component {
  render() {
    return (
      <div className="Tweets-list">
        {this.props.tweets.map((tweet, index) => <Tweet content={tweet}
key={index}/>)}
      </div>
    );
  }
}

export default Tweets;
```

styling components

```
import React from 'react';

const styles = {
  header: {
    border: "1px solid tomato",
    borderRadius: "3px",
    backgroundColor: "springgreen"
    // No media queries
    // No pseudo-selectors :(
  }
};

const Button = () => (
  <button style={styles.header}>Hello NashReact!</button>
);

export default Button;
```


Inline styles

- **Special** syntax
- **No** media queries
- **No** pseudo-selectors

```
import React from 'react';

const Button = () => (
  <button className="meetup__button">Hello NashReact!</button>
);

export default Button;
```

CSS Classes

- **Extra** decisions = **extra** configuration
- **Tightly coupled** class names and components



styled
components

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

const Button = styled.button`
  border: 1px solid tomato;
  border-radius: 3px;
  background-color: springgreen;
`;

const Wrapper = styled.div`
  margin: 0 auto;
  padding: 5px;
`;
```

```
const HelloButton = () => (  
  <Wrapper>  
    <Button>Hello NashReact!</Button>  
  </Wrapper>  
)  
  
export default HelloButton;
```

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

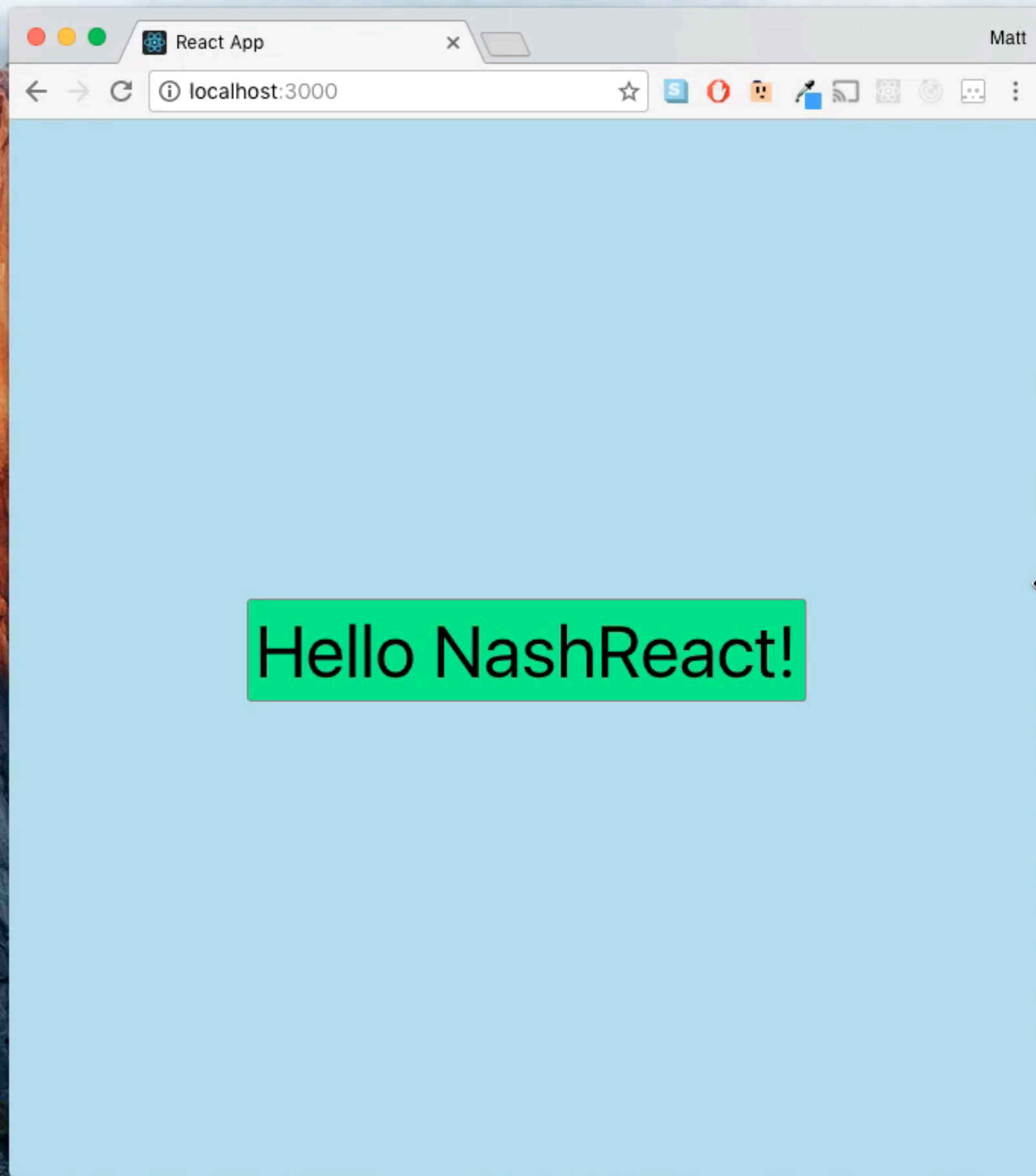
const Button = styled.button`
  border: 1px solid tomato;
  border-radius: 3px;
  background-color: springgreen;

  &:hover {
    color: springgreen;
    background-color: white;
  }
`;
```

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

const Button = styled.button`
  border: 1px solid tomato;
  border-radius: 3px;
  background-color: springgreen;

  @media (max-width: 600px) {
    color: dodgerblue;
    background-color: white;
  }
`;
```

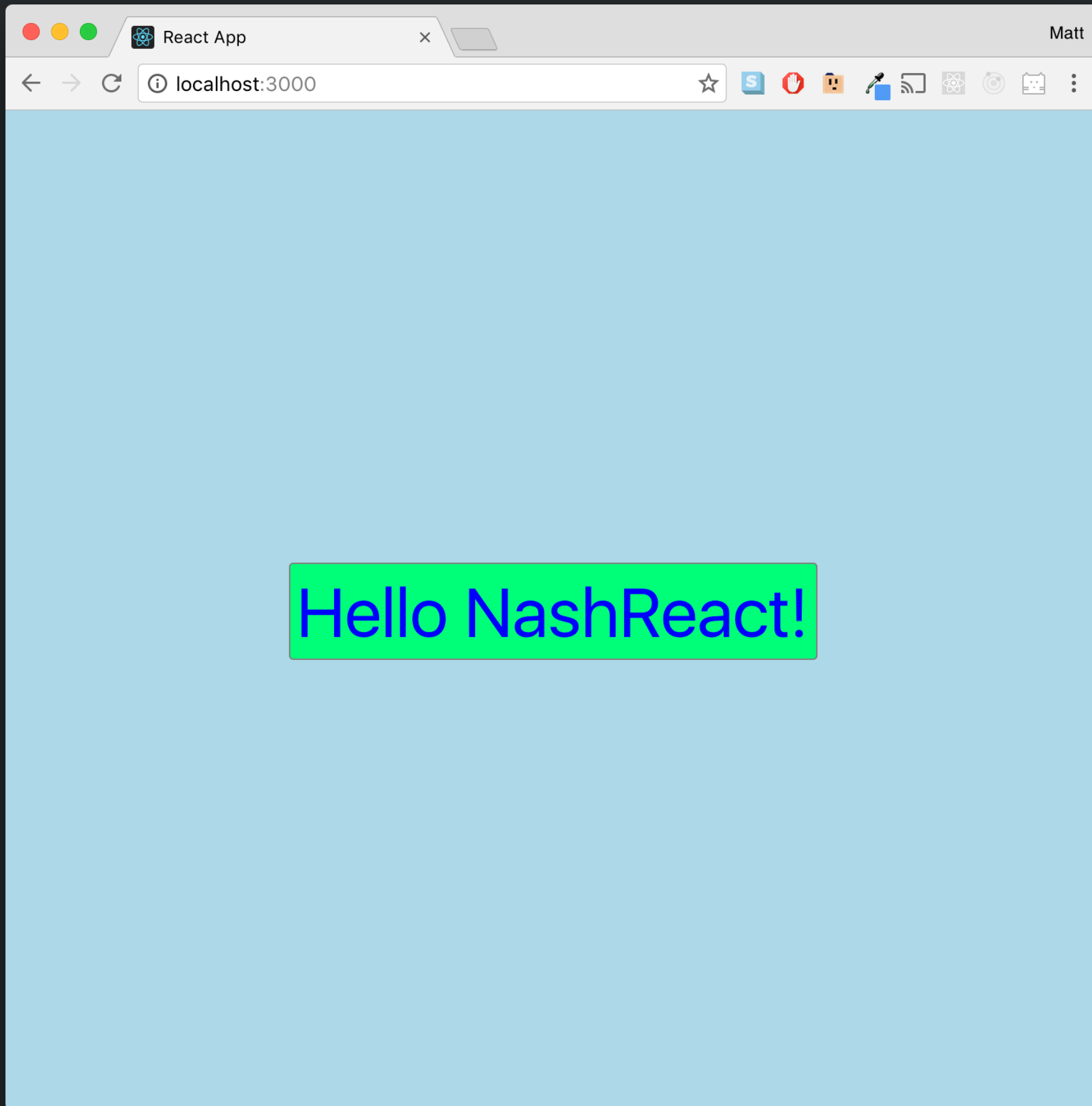



Hello NashReact!

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

const Button = styled.button`
  border: 1px solid tomato;
  border-radius: 3px;
  background-color: springgreen;
  color: ${({props}) => props.primary ? 'blue' : 'red' }
`;
```

```
const HelloButton = ({ primary }) => (  
  <Wrapper>  
    <Button primary>Hello NashReact!</Button>  
  </Wrapper>  
)  
  
export default HelloButton;
```



Theming supported

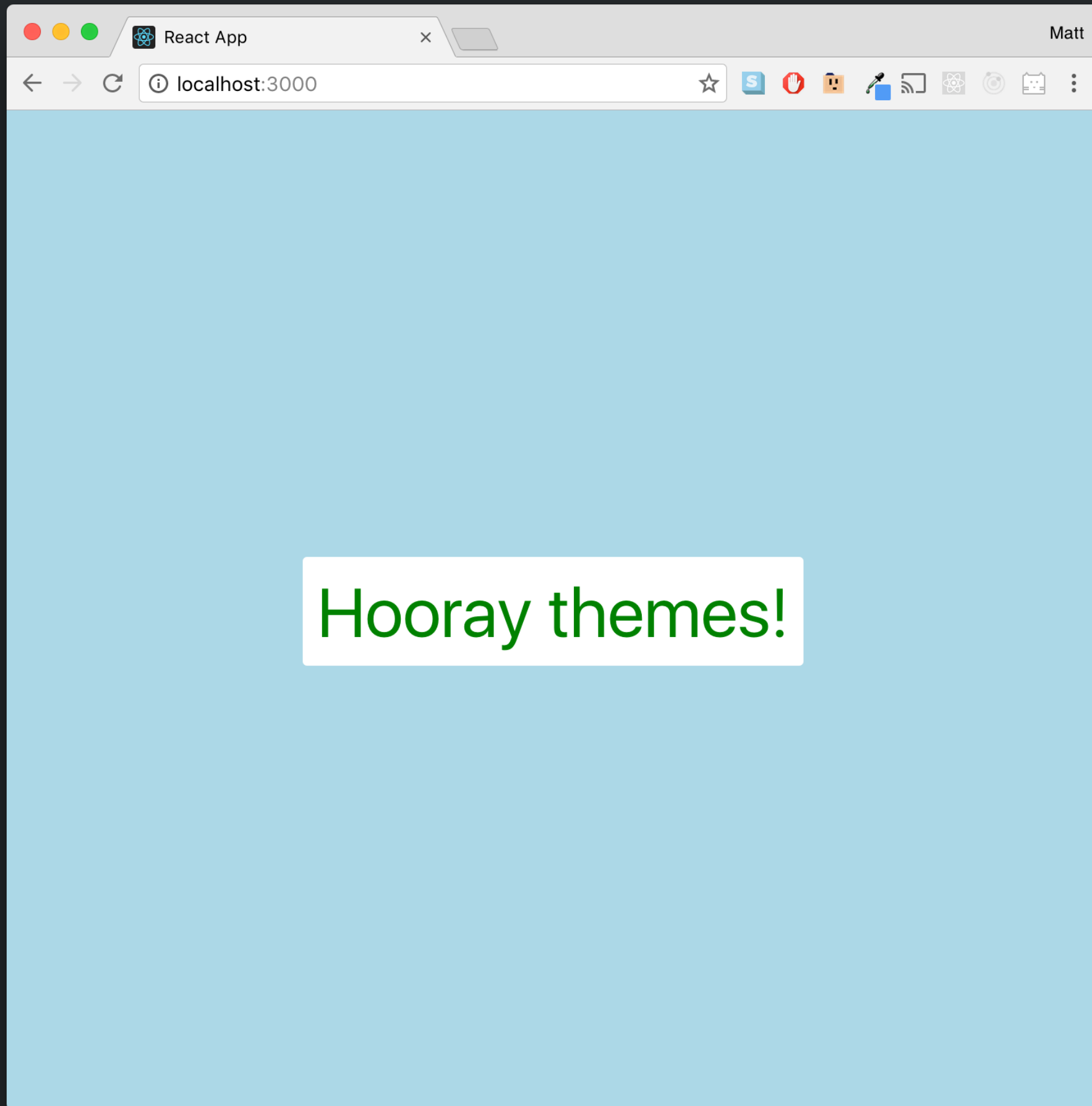
```
import { ThemeProvider } from 'styled-components';
```

```
const theme = {  
  primary: 'green',  
  secondary: 'violet'  
};
```

```
class App extends Component {  
  render() {  
    return (  
      <ThemeProvider theme={theme}>  
        <HelloButton/>  
      </ThemeProvider>  
    );  
  }  
}
```

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

const Button = styled.button`
  border: none;
  border-radius: 3px;
  background-color: white;
  color: ${({props}) => props.theme.primary}
`;
```

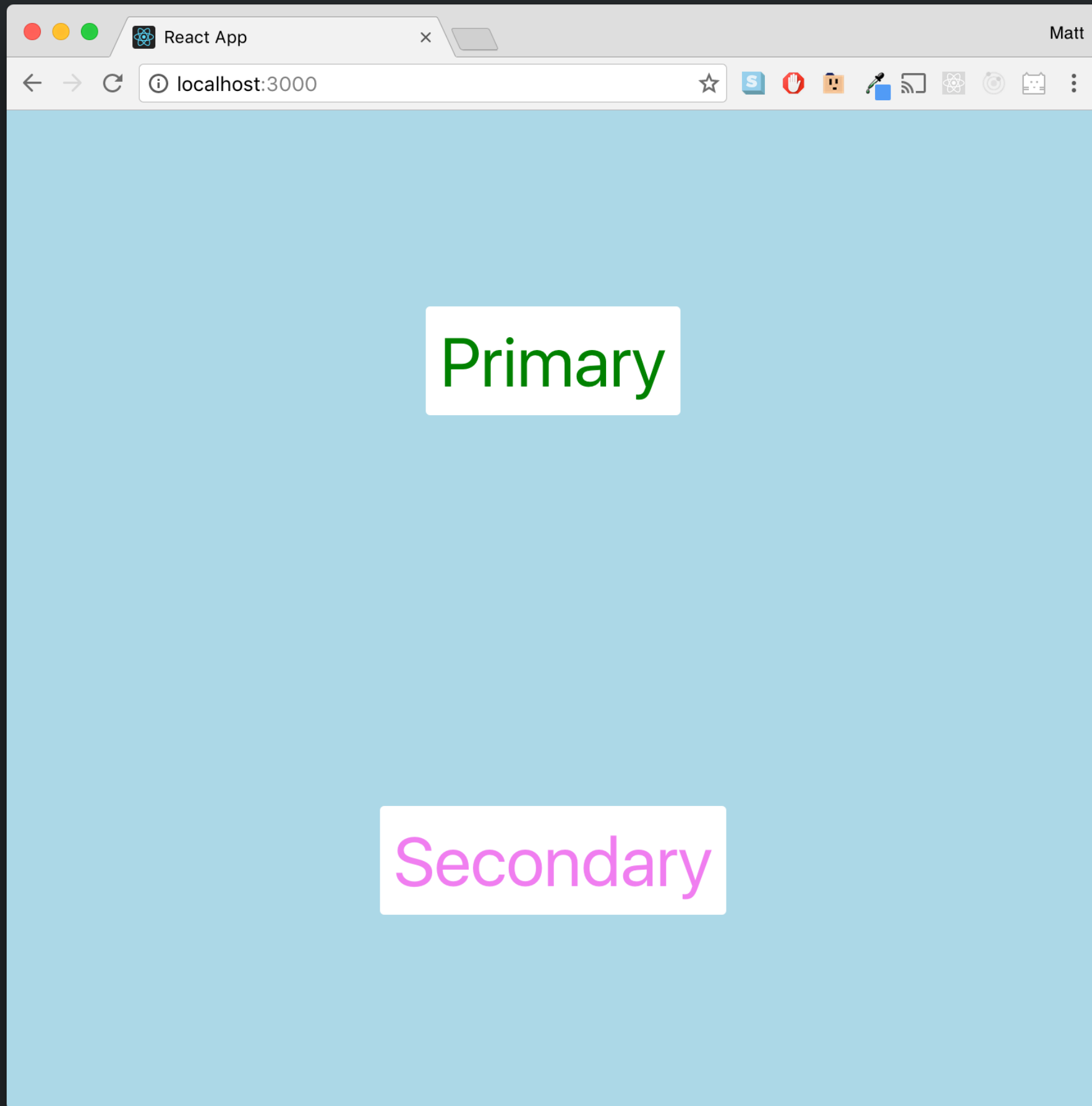



```
import styled from 'styled-components';
```

```
const Button = styled.button`  
  border: none;  
  border-radius: 3px;  
  background-color: white;  
`;  
;
```

```
const Primary = styled(Button)`  
  color: ${({props}) => props.theme.primary}  
`;  
;
```

```
const Secondary = styled(Button)`  
  color: ${({props}) => props.theme.secondary}  
`;  
;
```

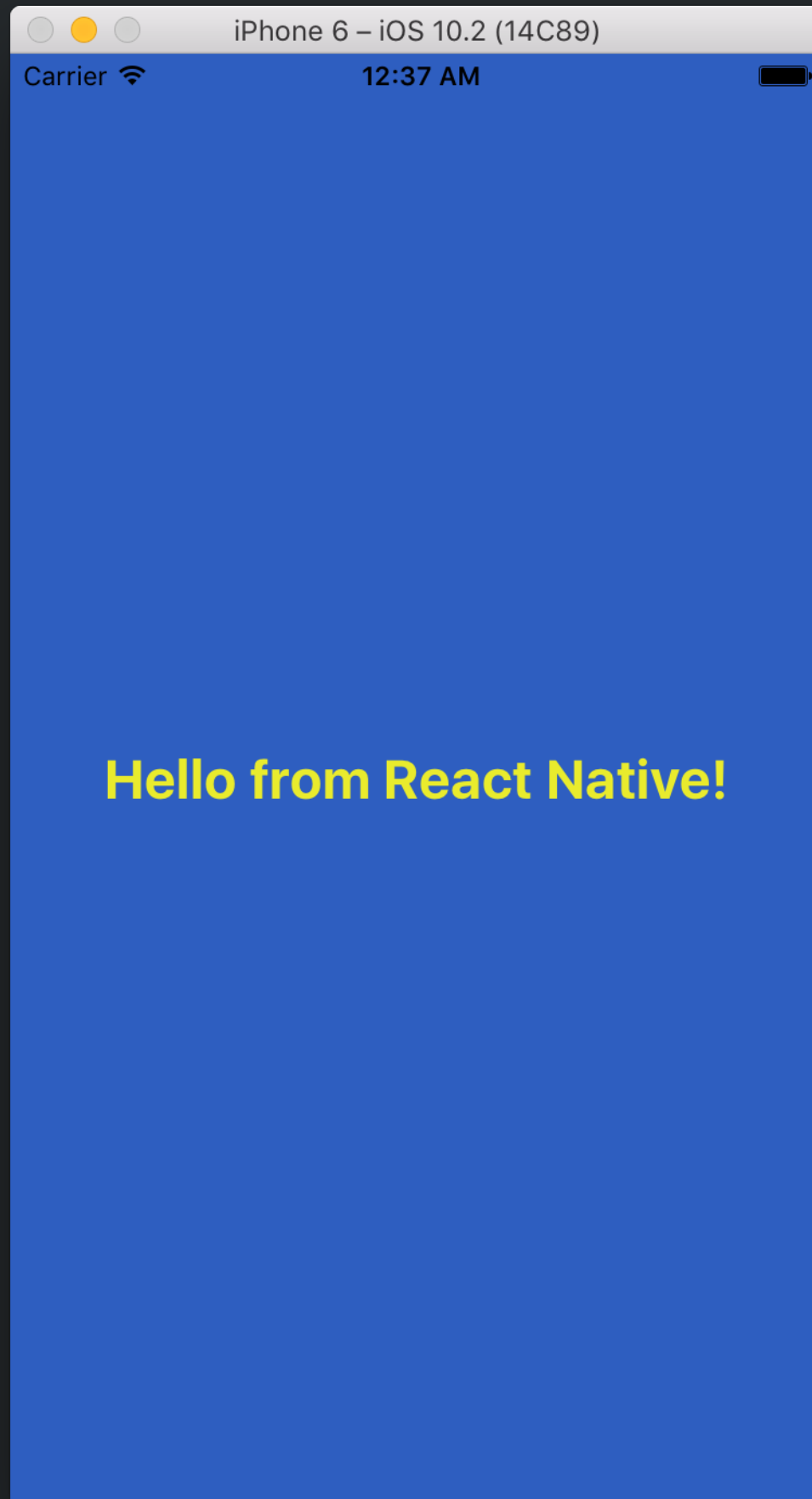


React-Native support

```
import styled from 'styled-components/native';
```

```
const Wrapper = styled.View`  
  background-color: #2e5ec0;  
  flex: 1;  
  justify-content: center;  
  align-items: center;  
`;  
;
```

```
const Greeting = styled.Text`  
  font-size: 25;  
  text-align: center;  
  font-weight: bold;  
`;  
;
```



stylelint support

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

const Button = styled.button`
  border: none;

  border-radius: 3px;

  background-color: white;
`;
```

src/HelloButton.js

7:1	✖	Unexpected empty line before declaration	declaration-empty-line-before
7:1	✖	Expected indentation of 2 spaces	indentation
9:13	✖	Unexpected empty line before declaration	declaration-empty-line-before
9:13	✖	Expected indentation of 2 spaces	indentation


```
$ npm install styled-components
```

Thank you!



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