

You can use CRA to abstract all this complexity for you. In a few minutes you will have a working, almost blank, React project with **development**, **production** and **test** scripts.

The maintainers of the project have great knowledge of Webpack and React and you can leverage it for free. Even the great <u>Dan Abramov</u> contributes to the project.

Use in create-react-app

Use in TypeScript

Change Log

Customize Theme

Dynamic Theme (Experimental)

Replace Moment.js

V3 to V4

Third-Party Libraries

Internationalization

FAQ

Contributing

Install craco and modify the scripts field in package.json.

```
they themself told to
                      use Carco if we want
/* package.json */
                      to use Antd in React
```

project

```
"scripts": {
   "start": "react-scripts start",
   "build": "react-scripts build",
   "test": "react-scripts test",
   "start": "craco start",
   "build": "craco build",
   "test": "craco test",
```

\$ yarn add @craco/craco

Then create a craco.config. is at root directory of your project for further overriding.

```
/* craco.config.js */
module.exports = {
 // ...
};
```

```
"dependencies": {
  "@ant-design/charts": "^1.3.4",
  "@ant-design/icons": "^4.7.0",
  "@craco/craco": "^6.4.3",
  "@testing-library/jest-dom": "^4.2.4",
  "@testing-library/react": "^9.5.0",
  "@testing-library/user-event": "^7.2.1",
  "antd": "^4.18.2",
  "antd-mask-input": "^0.1.15"
  "axios": "^0.21.4",
  "craco-less": "^2.0.0",
  "i18next": "^20.3.4",
  "i18next-browser-languagedetector": "^6.1.2",
  "i18next-xhr-backend": "^3.2.2",
  "moment": "^2.29.1",
  "node-sass": "^4.14.1",
  "react": "^17.0.2",
  "react-dom": "^17.0.2",
  "react-ga": "^3.3.0",
  "react-google-places-autocomplete": "2.3.2",
  "react-helmet-async": "^1.0.9",
  "react-i18next": "^11.11.3",
  "react-redux": "^7.2.1",
  "react-router-dom": "^6.2.1",
  "react-scripts": "^5.0.0",
  "redux": "^4.0.5",
  "redux-persist": "^6.0.0",
  "redux-thunk": "^2.3.0"
"scripts": {
  "start": "craco start",
  "build": "craco build",
  "test": "craco test",
  "eject": "craco eject",
  "lint": "eslint ./",
  "lint-fix": "eslint ./ --fix",
  "format": "prettier --write \"**/*.+(js|jsx|json|yml|yaml|css|md|scss)\"",
  "pre-commit": "lint-staged"
},
"husky": {
  "hooks": {
    "pre-commit": "lint-staged && pretty-quick --staged"
"lint-staged": {
```



Create React App Configuration Override is an easy and comprehensible configuration layer for create-react-app.

Get all the benefits of create-react-app **and** customization without using 'eject' by adding a single configuration (e.g. craco.config.js) file at the root of your application and customize your eslint, babel, postcss configurations and many more.

All you have to do is create your app using **create-react-app** and customize the configuration file.

Support

- Create React App (CRA) 4.*
- Yarn
- Yarn Workspace
- NPM
- Lerna (with or without hoisting)
- Custom react-scripts version

Documentation

Installation - How to install and setup CRACO.

Install

> npm i @craco/craco

Repository

github.com/gsoft-inc/craco

Homepage

Ø github.com/gsoft-inc/craco

385,002

Version

6.4.3

Apache-2.0

License

Unpacked Size

111 kB

41

Issues

Pull Requests

Total Files

46

1

Last publish



```
npm v6.4.3 travis passing PRs welcome
downloads 1.3M/month
```

Create React App Configuration Override is an easy and comprehensible configuration layer for create-react-app.

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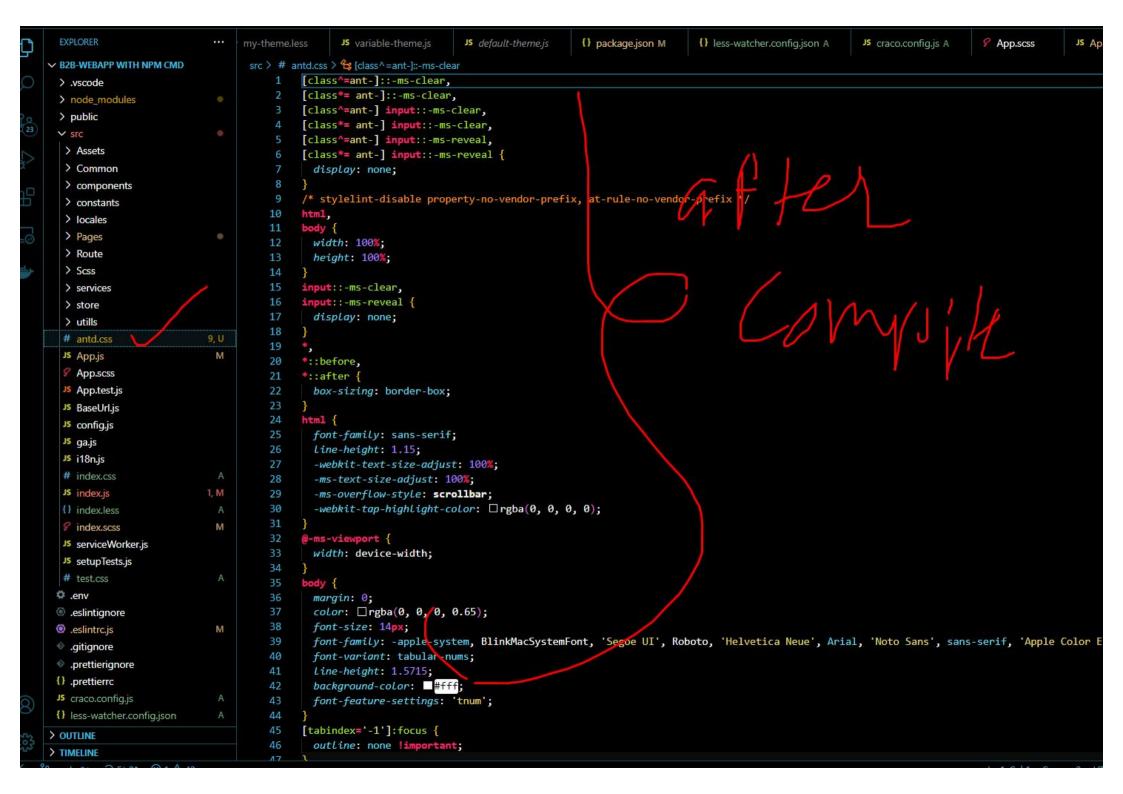
Support

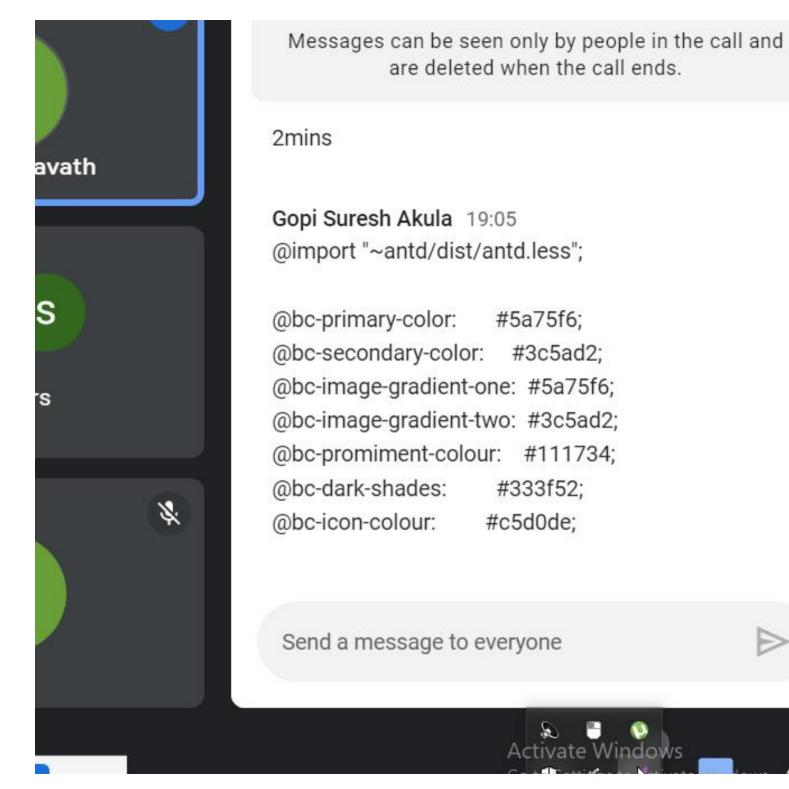
- Create React App (CRA) 4.*
- Yarn
- Yarn Workspace
- NPM
- · Lerna (with or without hoisting)
- Custom react-scripts version

Neigled Alticles

- Using Ant Design in Sass-Styled Webpack Projects with antd-scss-theme-plugin
- How to Customize Ant Design with React & Webpack... the Missing Guide
- Theming Ant Design with Sass and Webpack
- Using Sass/Scss with React App (create-react-app)
- Dynamic Theming in Browser using Ant Design
- Zero config custom theme generator

Other alternate of Orriding the color using webpack





Step 4 - Modify package.json

On the script part of package.json, we will use react-app-rewired instead of react-scripts:

these is a Another way of using

```
13
               "scripts": {
14
                 "start": "react-scripts start",
15
                 "build": "react-scripts build",
                                                     we can
16
                 "test": "react-scripts test",
                                                     achieve our
       15
           + "start": "react-app-rewired start",
       16
               "build": "react-app-rewired build",
                                                     Goal in
           + "test": "react-app-rewired test",
      17
17
                 "eject": "react-scripts eject"
       18
                                                     these Way
18
       19
               },
                                                     also
```

MI D MOTH II II II . . .

First we should modify src/App.css to src/App.less , then import less file instead.

```
/* src/App.js */
- import './App.css';
+ import './App.less';

Appliaction motham .css extends must be replace with .less extends a or what
```

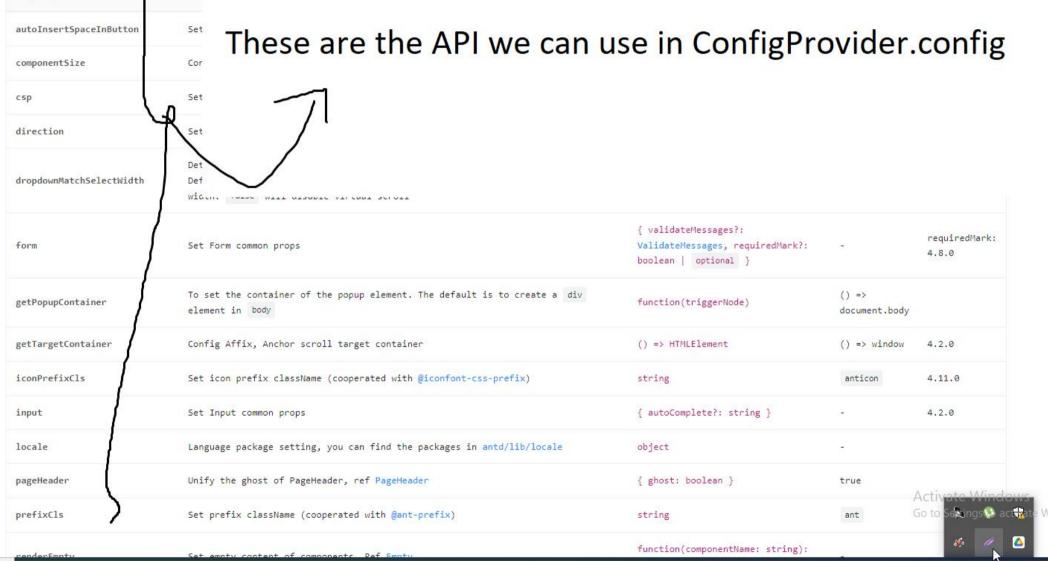
```
/* src/App.less */
- @import '~antd/dist/antd.css';
+ @import '~antd/dist/antd.less';
```

Property

Des

ConfigProvider.config({theme: {}})

Direc Comp Globa



```
    less-loader

   - quick start
   - optional
         - lessOptions
          additionalData

    sourceMap

        webpackImporter
        implementation
     Example
        normal usage

    Source maps

         Production Environment
         - import
         - plugin

    Extract style

        CSS modules trap
     contributo
```

```
'style-loader',
    'css-loader',
    {
        loader: 'less-loader',
        options: {
            implementation: require.resolve('less'),
        },
      },
    },
},
```

Example

normal usage

Concatenate less-loader, and to apply all styles to the DOM at once, css-loader, s

```
less-loader
const CracoLessPlugin = require('craco-less');
                                                    quick start
                                                      optional
module.exports = {
                                                          lessOptions
  plugins: [
                                                           additionalData
                                                          sourceMap
      plugin: CracoLessPlugin,
                                                          webpackImporter
      options: {
                                                         implementation
        lessLoaderOptions:
          lessOptions:
                                                      Example
                                                         normal usage
            modifyVars: { '@primary-color': '#1DA
                                                          Source maps
            javascriptEnabled: true,
                                                          Production Environment
          },
                                                         - import
        },
                                                          plugin
      },
                                                          Extract style
    },
                                                         CSS modules trap
 ],
};
                                                     contribute
```

IIIporto todaci

```
use: [
    'style-loader',
    'css-loader',
    {
      loader: 'less-loader',
      options: {
        implementation: require.resolve('less'),
      },
    },
    },
},
```

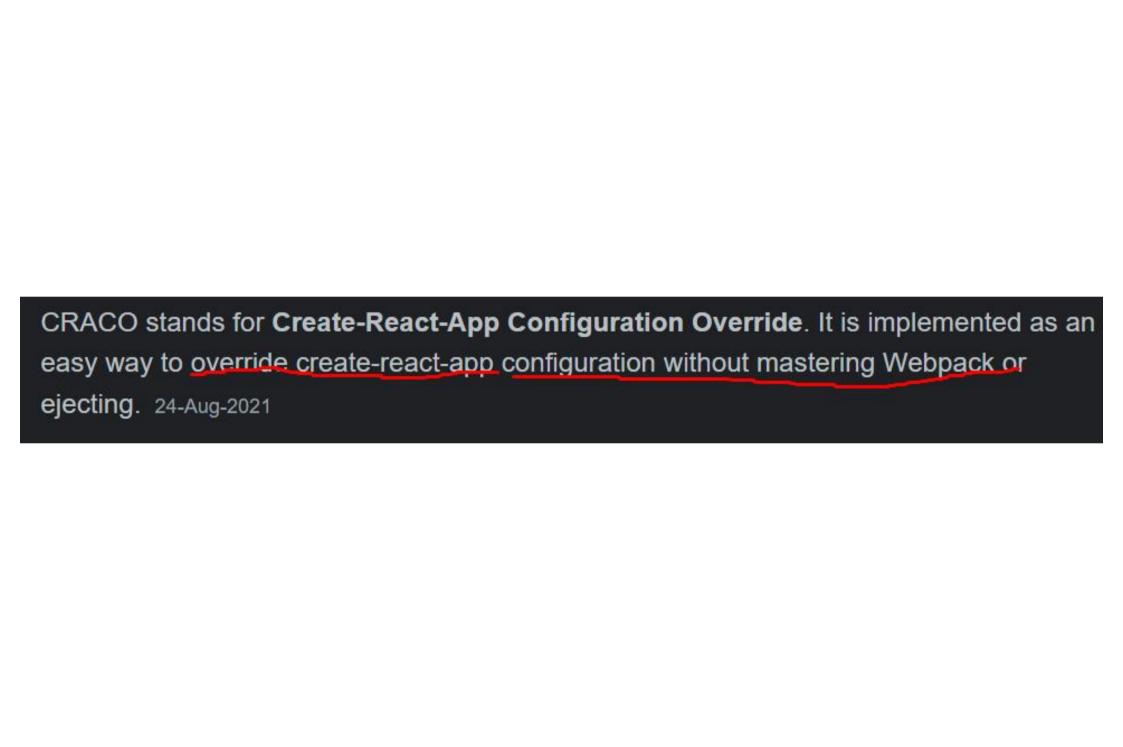
Example

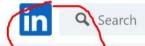
normal usage

Concatenate less-loader, and to apply all styles to the DOM at once. css-

```
import { store, persistor } from "../src/store/store";
// import "./test.less";
ConfigProvider.config({
  theme: {
    // primaryColor: "#5db9",
       primaryColorhover: "white",
        primaryColorActive: "green",
        primaryColorOutline: "red"
    // "ant-primary-color": "green"
    // errorColor :"red"
    // infoColor
    // processingColor
    // successColor
    // warningColor
           borderRadiusBase: '5px',
                                           You, 2 minutes ago • Uncom
    // fontSizeBase: '14px'
});
ReactDOM.render(
  <>
    <Provider store={store}>
      <PersistGate loading={null} persistor={persistor}>
        <App />
      </PersistGate>
    </Provider>
  </>>,
  document getElementById("root"),
);
```

```
styles > {} main.less > ...
@import "../../node_modules/antd/dist//antd.css";
@import "../../node_modules/antd/lib/style/themes/variable.less";
@import "../../node_modules/antd/lib/style/themes/default.less";
@primary-color: #ff4acd;
@link-color: #ff4acd;
```



















webpack knowledge. IN this article, I will show how to use Microfrontends with create-react-app without eject using CRACO.

What is CRACO:

CRACO stands for Create React App Configuration Override. It is implemented as an easy way to override create-react-app configuration without mastering Webpackor ejecting.

















"build": "craco build", "test": "craco test",

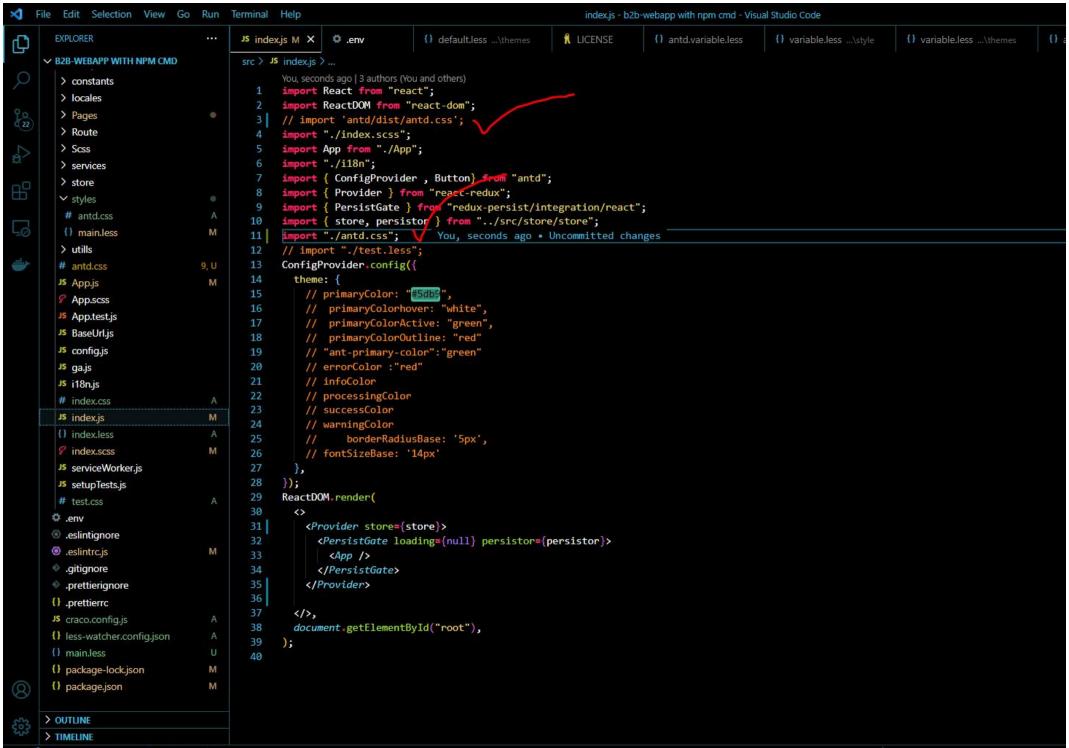
This way, CRACO will update webpack.config.js with the configuration at craco.config.js before running react-scripts:

Now, let's run the project and make sure everything works fine:

yarn run start







```
File Edit Selection View Go Run Terminal Help
                                                                                                      antd.css - b2b-webapp with npm cmd - Visual Studio Code
   EXPLORER
                                     {} my-theme.less
                                                         JS variable-theme.is
                                                                               {} package.json M
                                                                                                     [] less-watcher.config.ison A
                                                                                                                                   JS craco.config.is A
                                                                                                                                                         App.scss
                                                                                                                                                                          JS App.js M

✓ B2B-WEBAPP WITH NPM CMD

                                      src > # antd.css > % html
                                                [class^=ant-]::-ms-clear,
    constants
                                                [class*= ant-]::-ms-clear,
    ) locales
                                                [class^=ant-] input::-ms-clear,
     > Pages
                                                [class*= ant-] input::-ms-clear,
    > Route
                                                [class^=ant-] input::-ms-reveal,
                                                [class*= ant-] input::-ms-reveal {
     > Scss
                                                  display: none;
    > services
    > store
                                                /* stylelint-disable property-no-vendor-prefix, at-rule-nd-vendor-prefix */

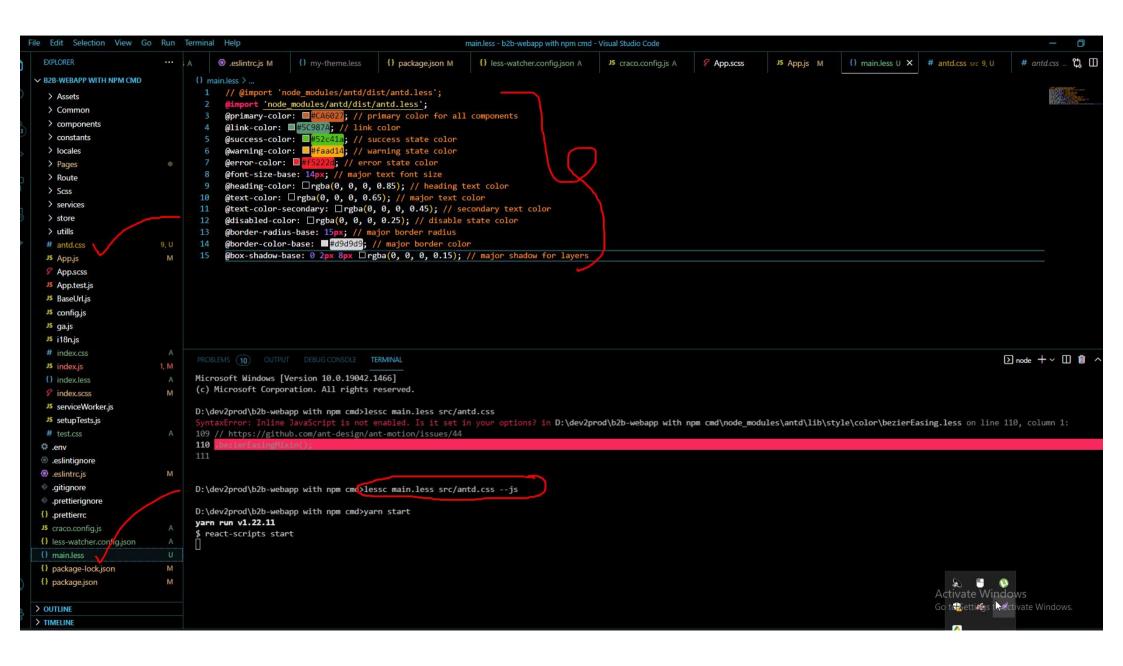
✓ styles

                                               html,
                                          10
     # antd.css
                                         11
                                               body
     [] main less
                                M
                                                  width: 100%;
    > utills
                                                  height: 100%;
    # antd.css
                                               input::-ms-clear.
                                M
    JS App.is
                                               input::-ms-reveal {
                                          16
     App.scss
                                                  display: none:
    JS App.test.js
                                          18
    JS BaseUrl.js
    JS config.js
                                          20
                                                *::before.
                                                *::after {
    JS ga.js
                                                  box-sizing: border-box;
    JS i18n.js
    # index.css
    JS index.js
                                M
                                                  font-family: sans-serif;
    {} index.less
                                                  line-height: 1.15;
    § index.scss
                                                  -webkit-text-size-adjust: 100%;
    JS serviceWorker.js
                                                  -ms-text-size-adjust: 100%;
                                          29
                                                  -ms-overflow-style: scrollbar;
    JS setupTests.is
                                                  -webkit-tap-highlight-color: □rgba(0, 0, 0, 0);
                                          30
    # test.css
   .env
                                                @-ms-viewport {
   eslintignore
                                                  width: device-width;
   eslintrc.js
                                M
   gitignore
                                                body {
   .prettierignore
                                                  margin: 0;
                                          37
                                                  color: □rgba(0, 0, 0, 0.65);
   {} .prettierrc
                                          38
                                                  font-size: 14px;
   JS craco.config.js
                                                  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, 'Helvetica Neue', Arial, 'Noto Sans', sans-serif, 'A
   {} less-watcher.config.json
                                          40
                                                  font-variant: tabular-nums;
   {} main.less
                                                  line-height: 1.5715;
   {} package-lock.json
                                M
                                                  background-color: #fff;
                                                  font-feature-settings: 'tnum';
   {} package.json
                                M
                                                [tabindex='-1']:focus {
  > OUTLINE
```

here we can use only the API provide in the Antd Documentation and we cannot replace all all antd Colors in these config Obj

```
/* package.json */
"scripts": {
-    "start": "react-scripts start",
-    "build": "react-scripts build",
-    "test": "react-scripts test",
+    "start": "craco start",
+    "build": "craco build",
+    "test": "craco test",
}
```

in the Carco config, we can use all the a-z color of antd and can easily override them





CRA (Create React App) by default supports only sass and css if you want to use LESS you need to do npm run eject first and then modify webpack configs.

4



However there is a way to do that w/o ejecting tho I have to say I personally prefer ejecting. You can find instructions <u>here</u>



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answered Sep 1 '19 at 23:03



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