Props
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Parent Component
- Assign Prop
- Set Prop
- Use Prop

Child Component

Control Panel
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User

- Press Generate Palette Button
- Generate Palette
- Press Adjust Palette Button
- Adjust Palette
- Press Copy Palette Button
- Copy Palette
- Set Palette

<extends>
<extends>

Color Mind API
Palette

State

Navigation Panel and Page Viewing
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User

- Go to Mock Page (Home)
- Go to Checker Page
- Go to About Us Page
- Go to Error Page
- Redirect to ~~Home~~ Page / Error

Router

Palette Context
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Palette Context

- Create Context
- Create useState of Palette
- Create Context Provider
- Assign UseState to Context Provider
- Wrap Children Component into Context Provider
- Consume Context
- Use Palette in Context
- Set/Replace Palette in Context

<includes>

Parent Component

Child Componenet

Color Mind API Service (Color Generation)
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Color API Service

- Send Request
- Handle Response
- Handle Response
- Handle Response
- Handle Response

Convert Response to TinyColors

Capture Error

Return TinyColors

<includes>
<includes>
<extends>

- Send Response
- Call Service
- Alert Error
- Generate ~~Return~~ New Palette
- Return ~~Create~~ New Palette

<includes>

Color Mind API

Palette

Contrast Checker API Service
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Contrast Checker API Service

- Send Request
- Handle Response
- Return Contrast Ratings
- Capture Error

<includes>
<includes>

- Retrieve ~~Create~~ Color ~~Pair Array~~ Pairs

- Send Response
- Call Service
- Alert Error
- Update Color Pair Ratings

<includes>

Color Contrast Checker Api

Palette