

Dark mode

What is dark mode

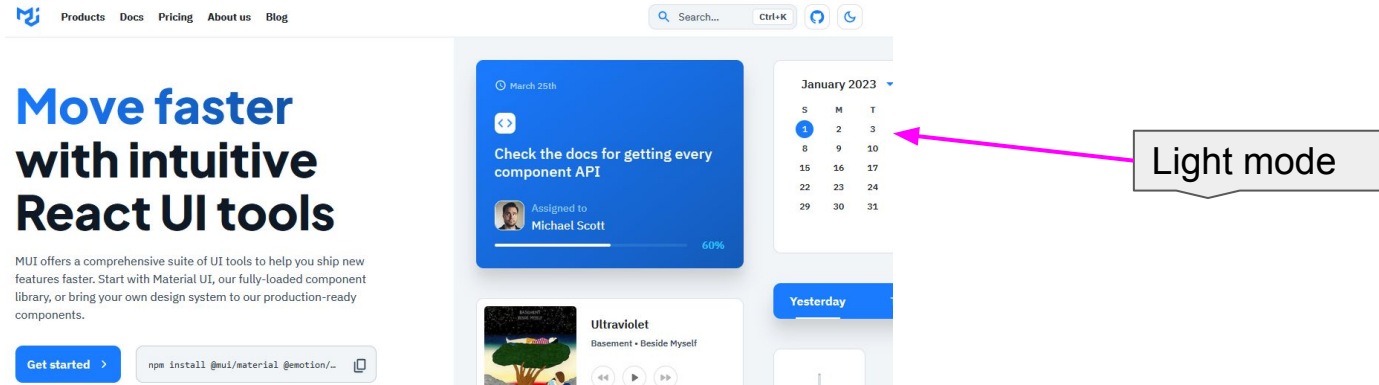
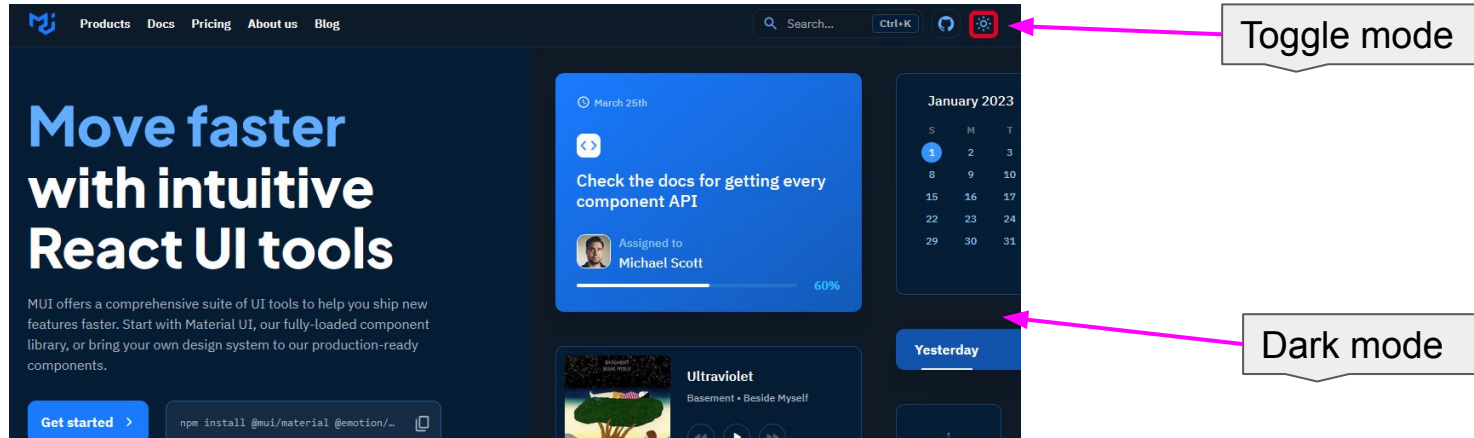
Dark mode is a display setting for user interfaces, such as a smartphone or laptop.

It means that, instead of the default dark text showing up against a light screen (known as 'light mode'), a light colour text (white or grey) is presented against a dark or black screen.

Both iPhones and Android handsets offer system-wide dark modes. However, you will still need to set up dark mode on some individual apps.

Some PC operating systems offer dark mode too, enabling you to set it up on your desktop or laptop.

dark\light mode sample



Motivation for dark mode

The idea behind dark mode is that it reduces the light emitted by device screens while maintaining the minimum colour contrast ratios required for readability.

Dark mode on mobile \ pc

Both iPhones and Android handsets offer system-wide dark modes. However, you will still need to set up dark mode on some individual apps.

Some PC operating systems offer dark mode too, enabling you to set it up on your desktop or laptop.

You can implement dark mode on your website

Dark mode implementations

- Css class - check my repo [vanilla-dark-mode](#)
- Css Stylesheet file
- Css property - used in next-themes check my repo [next.js-dark-mode](#)
- Ssr languages like php

next-themes

- Module of next.js to handle dark mode
- Css wise : dark mode is implemented using a property called data-theme in the html node (check the sample readme)
- Persist the dark\light mode to local storage (check the sample readme)
- Sample repository - [next.js-dark-mode](https://github.com/nathankrasney/next.js-dark-mode)

My repo samples

1. [vanilla-dark-mode](#)
2. [next.js-dark-mode](#)
3. [react-dark-mode-mui](#)
4. [next.js-dark-mode-mui](#)

My website samples

[Check your tech skills](#)

prefers-color-scheme

```
@media (prefers-color-scheme: dark) {  
  html {  
    color-scheme: dark;  
  }  
  body {  
    color: white;  
    background: black;  
  }  
}
```

CSS media feature used to detect if the user has requested a light or dark color theme. So this code will be active if the user has requested dark mode. Check next slide for one option for setting mode

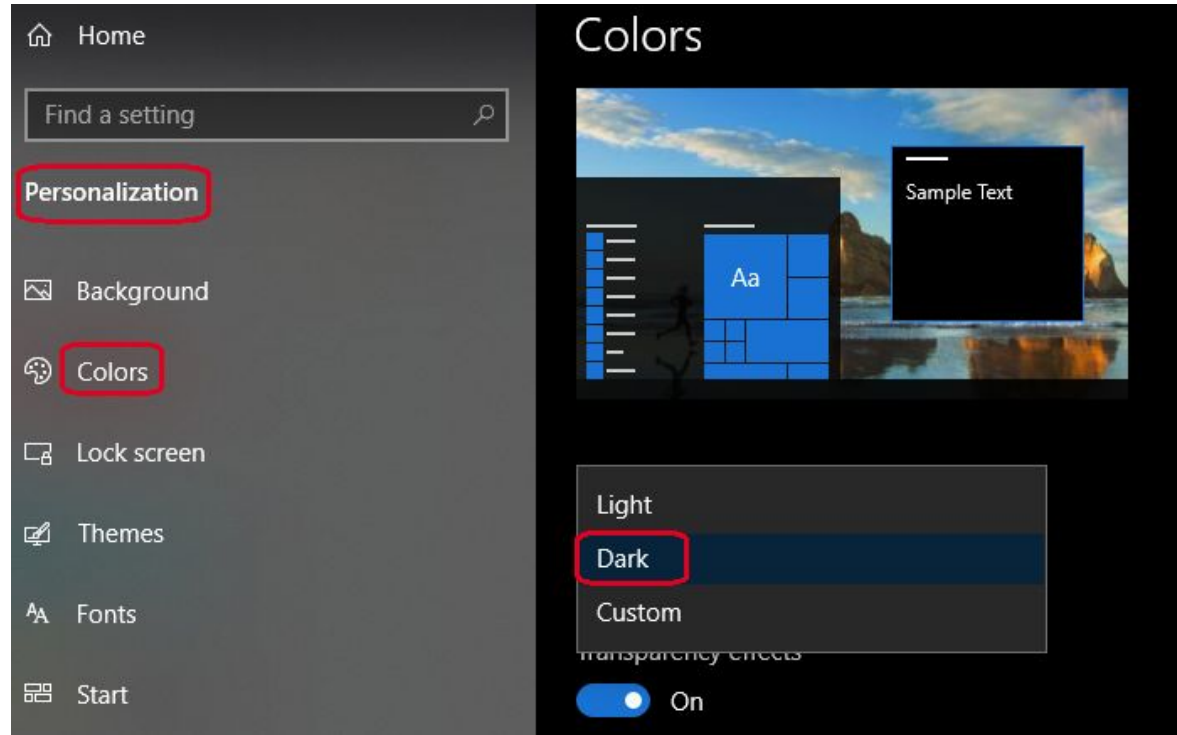
not clear why it is used here because we are all ready here for dark

This code is invoked if the user has requested dark mode

This code is part of globals.css in next version 12.2.5 e.g. [here](#)

How to set color mode in windows 10

Settings->Personalization>Choose your color



References

[A Complete Guide to Dark Mode on the Web](#) - css-tricks.com oct 2021 . excellent source

[How to Add a Dark Mode Theme to Your React App](#) - july 2022

[What Is Dark Mode – And Should You Be Using It?](#) - www.forbes.com Mar 2022

[How TO - Toggle Dark Mode](#) - W3c

[Dark mode in Material UI 5](#) - sep 2021