

MkDocs Custom CSS Styles: A Guide for "Hosting Services" Project Documentation

1. Introduction

This document provides custom CSS specifications to style a Material for MkDocs website for the "Hosting Services" project. These styles are designed to be applied on top of the default Material for MkDocs theme, ensuring a consistent look and feel while adhering to specific branding requirements for both light and dark modes.

2. Global Website Specifications

The following CSS will define the global layout and color variables for the website.

- Website Max Width:** The main content container will be limited to a maximum width of `1200px` to improve readability on large screens. The content will be centered.
- Header and Footer Banners:** Both the header and footer banners will have a fixed height of `24px` and a full width of `100%`.
- Fonts:** The font for the header and footer text will be `Roboto` with a weight of `500`.

3. Color Palette Variables

To facilitate easy theme switching, the colors are defined using CSS variables within `:root`.

```
:root {  
  /* Light Mode Colors */  
  --md-color-viewport-background: #c0c0be; /* light gray */  
  --md-color-page-background: #d5d4d4; /* very light gray */  
  --md-color-text-primary: #88888a; /* med dark gray */  
  --md-color-header-footer-background: #e1e1e1; /* med dark blue */  
  --md-color-header-footer-text: #88888a; /* med dark gray */  
  --md-color-border: #88888a; /* med dark gray */  
  --md-color-button-border: #88888a; /* med dark gray */  
}  
  
/* Dark Mode Overrides */  
@media (prefers-color-scheme: dark) {  
  :root {  
    --md-color-viewport-background: #c0c0be; /* light gray */  
    --md-color-page-background: #88888a; /* med dark gray */  
    --md-color-text-primary: #d5d4d4; /* very light gray */  
    --md-color-header-footer-background: #e1e1e1; /* med dark blue */  
    --md-color-header-footer-text: #d5d4d4; /* very light gray */  
    --md-color-border: #000000; /* black */  
    --md-color-button-border: #000000; /* black */  
  }  
}
```

4. Custom CSS Rules

The following CSS rules apply the defined variables to the appropriate Material for MkDocs elements.

```
/* Apply viewport background color */
body {
  background-color: var(--md-color-viewport-background);
}

/* Limit the main content width and center it */
.md-container {
  max-width: 1200px;
  margin-left: auto;
  margin-right: auto;
  border: 1px solid var(--md-color-border);
  background-color: var(--md-color-page-background);
  color: var(--md-color-text-primary);
}

/* Style the header banner */
.md-header {
  background-color: var(--md-color-header-footer-background);
  height: 24px;
  width: 100%;
}

/* Style the header text */
.md-header-nav__title {
  font-family: "Roboto", sans-serif;
  font-weight: 500;
  color: var(--md-color-header-footer-text);
}

/* Style the footer banner */
.md-footer {
  background-color: var(--md-color-header-footer-background);
  height: 24px;
  width: 100%;
  border-top: 1px solid var(--md-color-border);
}

/* Style the footer text */
.md-footer-meta__inner {
  font-family: "Roboto", sans-serif;
  font-weight: 500;
  color: var(--md-color-header-footer-text);
}

/* Style button borders */
.md-button, .md-button--primary {
  border: 1px solid var(--md-color-button-border);
}
```

5. Instructions for Implementation

To apply these styles to your Material for MkDocs project, please follow these steps:

1. **Create a CSS file:** Save the entire CSS block from "Custom CSS Rules" into a new file named `extra.css`.
2. **Place the file:** Place this `extra.css` file within your `docs` directory. A common practice is to create a subdirectory, such as `docs/css/extra.css`.
3. **Update `mkdocs.yml`:** Open your `mkdocs.yml` configuration file and add the following lines to reference your new stylesheet. Ensure the `extra_css` path is correct.

```
# mkdocs.yml

theme:
  name: material

extra_css:
  - css/extra.css
```

4. **Build the project:** Run the `mkdocs build` command to apply the new styles to your website.

Please ensure the `mkdocs.yml` file is properly formatted and that the file path in `extra_css` is correct.