

Lesson 5: Colors in Bootstrap 5

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The Bootstrap 5 Colors utility is used to set text colors, for example, green for success, blue for basic, etc. There are many other necessary informational colors such as danger, warnings, etc. The Bootstrap color palette can help you find the right colors for your development project.

In this article, let's explore all the colors in Bootstrap 5 in more detail!

1. Lesson 1: What is Bootstrap 5?
2. Lesson 2: Learning about Containers
3. Lesson 3: Grid System in Bootstrap
4. Lesson 4: Typography in Bootstrap 5

Text color in Bootstrap 5

Bootstrap 5 has several contextual classes that are used to implicitly convey a certain meaning through color.

Basically, the colors in Bootstrap 5 include:

1. **Text-primary** is used to format certain important documents.
2. **Text-success** is used to indicate the success of a task in green.
3. **Text-info** presents a number of texts that provide information.
4. **Text warnings** are displayed in yellow.
5. **Text-danger** colors danger warning text in red.
6. **Text-secondary** for secondary content.
7. **Text-white** changes the text color to white.
8. **Text-dark** colors the text black.
9. **Text-body** colors the text by default, usually black.
10. **Text-light** is used to color text in a light gray hue.
11. **Text-muted** displays hidden text, usually in light gray.

Run the file below to see how the text color classes above will display the text colors.

Contextual colors

Use contextual classes to convey meaning through color:

The text is muted.

Important document.

The text indicates success.

The text represents a number of pieces of information.

This text is a warning.

The document warns of danger.

Supplementary text.

This text is dark gray.

The default body color (usually black).

Light gray text (on a white background).

White text (on a white background).

You will receive the corresponding colors as shown below:

Màu sắc theo ngữ cảnh

Sử dụng các class theo ngữ cảnh để nói ý nghĩa thông qua màu sắc:

Văn bản bị muted.

Văn bản quan trọng.

Văn bản chỉ ra sự thành công.

Văn bản đại diện cho một số thông tin.

Văn bản này là cảnh báo.

Văn bản thông báo sự nguy hiểm.

Văn bản phụ.

Văn bản này có màu xám đen.

Màu body mặc định (thường là màu đen).

Văn bản màu xám nhạt (trên nền trắng).

You can also add 50% opacity to black or white text using the classes `.text-black-50` or `.text-white-50`:

Create a blur effect for the text color.

Add 50% opacity to black or white text with the class `.text-black-50` or `.text-white-50`:

Black text with 50% opacity on a white background.

White text with 50% opacity on a black background.

With the HTML file above, you will see the following result:

Tạo độ mờ cho màu chữ

Thêm độ mờ 50% cho màu chữ đen hoặc trắng với class `.text-black-50` hay `.text-white-50`:

Chữ đen với opacity 50% trên nền trắng

Chữ trắng với opacity 50% trên nền đen

Background colors in Bootstrap 5

The class for background color includes: `.bg-primary`, `.bg-success`, `.bg-info`, `.bg-warning`, `.bg-danger`, `.bg-secondary`, `.bg-dark` and `.bg-light`.

Note that the background color will not set the text color, so in some cases, you will need to use the background color class along with the text color class `.text-*`.

Let's look at the example code below:

Ví dụ Bootstrap - TipsMake.com.com

Background color based on context

Use background color classes contextually.

Important document.

The text indicates success.

The text contains information.

This text is a warning.

The document warns of danger.

Secondary background color.

Dark gray background color.

The background color is grayish-white.

We will get the result as shown below:



Link colors in Bootstrap 4

In Bootstrap 4, these text classes can be used on links, making their color slightly darker when hovered over. You can see this when running the code below:

```
Ví dụ Bootstrap - TipsMake.com.com
```

Contextual link colors

Hover your mouse over the link to see the color change.

Link bị muted. Link chính. Link thành công. Link thông tin. Link cảnh báo. Link nguy hiểm. Link phụ. Link màu xám đen. Link màu body/đen. Link màu xám.

The links will then be displayed as follows:



Note : When tested on Bootstrap 5, these link effects do not show the same color changes as on Bootstrap 4.

Once you've mastered these color classes, you can customize the colors of your website content because this color system already includes all the most basic colors.

In general, the `color`` class in Bootstrap 5 colors text, highlighting its importance within the document. On the other hand, classes associated with `background`` will 'overlay' color on related elements. Classes associated with text and background have similar names but different prefixes. For text, the `text color`` class will have the prefix ``.text-`, while for background color, the prefix will be ``.bg-`.

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