

## 1.) WHAT IS BOOTSTRAP?

Bootstrap is a popular, free, and open-source CSS framework designed to make it easier and faster to implement web designs. It contains a library of pre-made HTML, CSS, and Javascript design components that can be used to create visually appealing and consistent UI. To use bootstrap, the following must be added:

```
<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
<!-- Bootstrap JS (for the carousel functionality) -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
```

## 2.) HOW DO YOU USE BOOTSTRAP CONTAINERS?

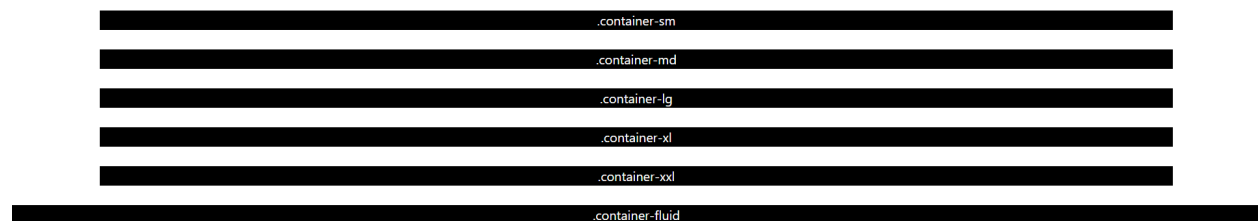
To access containers, the class .container must be used: class="container".

To access different sized containers, use the syntax: class=".container-<size>".

The following are the different sizes for containers:

```
<br>
<div class="container-sm" id="cont">.container-sm</div>
<br>
<div class="container-md" id="cont">.container-md</div>
<br>
<div class="container-lg" id="cont">.container-lg</div>
<br>
<div class="container-xl" id="cont">.container-xl</div>
<br>
<div class="container-xxl" id="cont">.container-xxl</div>
<br>
<div class="container-fluid" id="cont">.container-fluid</div>
```

### Code snippet: Containers



### Containers code snippet: Output

### 3.) HOW DO YOU USE BOOTSTRAP IN TYPOGRAPHY?

The common syntax for typographic styles: `class="<typography style>"`. The following are some examples of bootstrap classes used:

**Lead** - This class makes a paragraph stand out.

```
<p>I am a normal paragraph</p>
<p class="lead">
  This is a lead paragraph. It stands out from regular paragraphs.
</p>
```

I am a normal paragraph

This is a lead paragraph. It stands out from regular paragraphs.

**Blockquotes** - A design for quotations.

```
<blockquote class="blockquote">
  <p>I shall grieve, and I shall weep. But I shall never regret.</p>
</blockquote>
<figcaption class="blockquote-footer">
  Iskandar, Fate/Zero
</figcaption>
```

I shall grieve, and I shall weep. But I shall never regret.

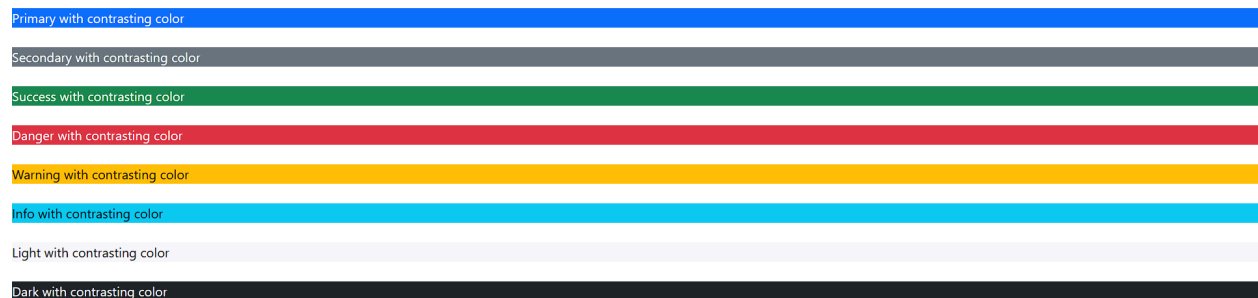
— Iskandar, Fate/Zero

#### 4.) HOW DO YOU USE BOOTSTRAP IN COLORS?

One instance where bootstrap is used in designing colors is in the background by using the syntax: `class="text-bg-<utility>"`. Below are the following utilities that can be used:

```
<br>
<div class="text-bg-primary">Primary with contrasting color</div>
<br>
<div class="text-bg-secondary">Secondary with contrasting color</div>
<br>
<div class="text-bg-success">Success with contrasting color</div>
<br>
<div class="text-bg-danger">Danger with contrasting color</div>
<br>
<div class="text-bg-warning">Warning with contrasting color</div>
<br>
<div class="text-bg-info">Info with contrasting color</div>
<br>
<div class="text-bg-light">Light with contrasting color</div>
<br>
<div class="text-bg-dark">Dark with contrasting color</div>
```

**Code snippet: Background colors**



**Background colors code snippet: Output**