

W3.CSS Framework

W3.CSS Containers

The w3-container class is the most important of the W3.CSS classes. It provides equality like:

- Common margins
- Common padding
- Common vertical alignments
- Common horizontal alignments
- Common fonts
- Common colors

The w3-container class is typically used with HTML container elements, like: <div>, <header>, <footer>, <article>, <section>, <blockquote>, <form>, and more. The w3-container class defiantly adds a 16px left and right padding to any HTML element. To use a container, just add a **w3-container** class to any HTML element.

Note: w3.css class name must started with “w3-” and class name is case sensitive.

For example:

```
<!DOCTYPE html><html><title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body><div> <h2>Without a Container</h2>
  <p>The w3-container class is one of the most important W3.CSS classes.</p>
  <p>It provides correct margins, padding, alignments, and more, to most HTML elements.</p></div>
<div class="w3-container">  <h2>With a Container</h2>
  <p>The w3-container class is one of the most important W3.CSS classes.</p>
  <p>It provides correct margins, padding, alignments, and more, to most HTML elements.</p></div>
</body></html>
```

Output:

Without a Container

The w3-container class is one of the most important W3.CSS classes.

It provides correct margins, padding, alignments, and more, to most HTML elements.

With a Container

The w3-container class is one of the most important W3.CSS classes.

It provides correct margins, padding, alignments, and more, to most HTML elements.

To add a color, just add a **w3-color** class. For Example:

```
<!DOCTYPE html><html><title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body><h2>Displaying Colors</h2>
<div class="w3-container">  <p>container without color class </p> </div>
<div class="w3-container w3-red">  <p>container with red color </p></div>
</body></html>
```

Output:

Displaying Colors

container without color class

container with red color

The **w3-container** class can also be used to style <article> and <section> elements.
For Example:

```
<!DOCTYPE html><html> <title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body> <div class="w3-container">   <h2>London</h2>
  <p>London is the most populous city in the United Kingdom,
    with a metropolitan area of over 9 million inhabitants.</p> <hr></div>
<article class="w3-container">   <h2>Paris</h2>
  <p>The Paris area is one of the largest population centers in Europe,
    with more than 2 million inhabitants.</p> <hr></article>
<section class="w3-container">   <h2>Tokyo</h2>
  <p>Tokyo is the center of the Greater Tokyo Area,
    and the most populous metropolitan area in the world.</p> <hr> </section>
</body></html>
```

Output:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Paris

The Paris area is one of the largest population centers in Europe, with more than 2 million inhabitants.

Tokyo

Tokyo is the center of the Greater Tokyo Area, and the most populous metropolitan area in the world.

Exercise:

1: What is w3-container class and where it is used.