

Introduction to Bootstrap | Part 2 | Cheat Sheet

Flexbox Properties

1. Flexbox Container

The Bootstrap class name `d-flex` defines a Flexbox Container. The direct HTML elements in the Flexbox Container are called **flex items**.

```
1 <div class="d-flex">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

- The HTML container element with the `class="d-flex"` is a Flexbox Container.
- The HTML container element `div` in Flexbox Container is a flex item. Because it is directly inside the Flexbox Container.
- The HTML main heading, paragraph, and button elements are not flex items. Because these elements are not directly inside the Flexbox Container.

Help

Note

Wrapping HTML elements in the Flexbox Container is mandatory to apply other flex properties.

2. Flex Direction

The Flex Direction specifies the direction of the flex items in the Flexbox Container.

Class Name	Direction of the flex items in a Flexbox Container
<code>flex-row</code>	Horizontal
<code>flex-column</code>	Vertical

2.1 flex-row

The Bootstrap class name `flex-row` is used to move the flex items **horizontally** in the Flexbox Container.

```
1 <div class="d-flex flex-row">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

Help

2.2 flex-column

The Bootstrap class name `flex-column` is used to move the flex items **vertically** in the Flexbox Container.

```
1 <div class="d-flex flex-column">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

Help

Note

The Bootstrap class name `flex-row` is the default Flex Direction for the Flexbox Container. So, once `d-flex` is specified, all the flex items in the Flexbox Container display horizontally.

3. Justify Content

The Justify Content specifies the alignment of flex items along the Flex Direction in a Flexbox Container.

3.1 justify-content-start

The Bootstrap class name `justify-content-start` is used to align the flex items at the start of the Flexbox Container either horizontally or vertically based on the Flex Direction.

Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the left
flex-column	Align flex items vertically to the top

```
1 <div class="d-flex flex-column justify-content-start">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

Help

3.2 justify-content-center

The Bootstrap class name `justify-content-center` is used to align the flex items at the center of the Flexbox Container either horizontally or vertically based on the Flex Direction.

Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the center
flex-column	Align flex items vertically to the center

```
1 <div class="d-flex flex-column justify-content-center">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

Help

3.3 justify-content-end

The Bootstrap class name `justify-content-end` is used to align the flex items at the end of the Flexbox Container either horizontally or vertically based on the Flex Direction.

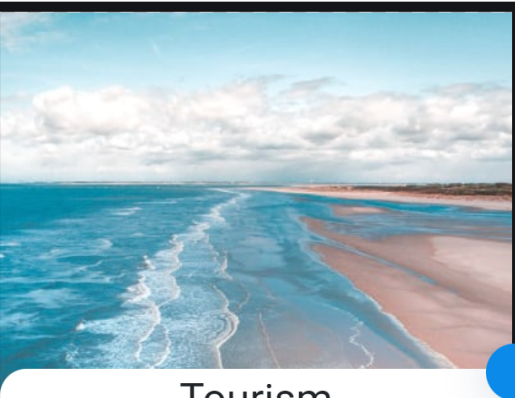
Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the right
flex-column	Align flex items vertically to the bottom

```
1 <div class="d-flex flex-column justify-content-end">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

Help

```
HTML CSS JAVASCRIPT
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css
5     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-C
6     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
7     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.j
8   </head>
9   <body>
10    <div class="bg-container d-flex flex-column justify-content-end">
11      <div class="tourism-card">
12        <h1 class="main-heading">Tourism</h1>
```



Help

```
13     <p class="paragraph">Plan your trip.</p>
14     <button class="button">Get Started</button>
15   </div>
16 </div>
17 </body>
```

TOURISM

Plan your trip.

Get Started

Try out changing the Flex Direction and Justify Content with the Bootstrap class names in the below Code Playground.

HTMLCSSJAVASCRIPT

▶↺⚙️🔍Inspect

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/
5     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfX
6     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" i
7     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
8   </head>
9   <body>
10    <div class="d-flex flex-column justify-content-end box-container">
11      <div class="box box-orange"><p>Box 1</p></div>
12      <div class="box box-green"><p>Box 2</p></div>
13    </div>
14  </body>
15 </html>
```

Box 1

Box 2

Help





Submit Feedback

✓ MARKED AS COMPLETE

NotesDiscussions

Notes

+ NEW NOTE

B I U    

Title

Take a Note

CANCEL

SAVE

Help