

# 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.

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#### 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

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#### 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>
```

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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

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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

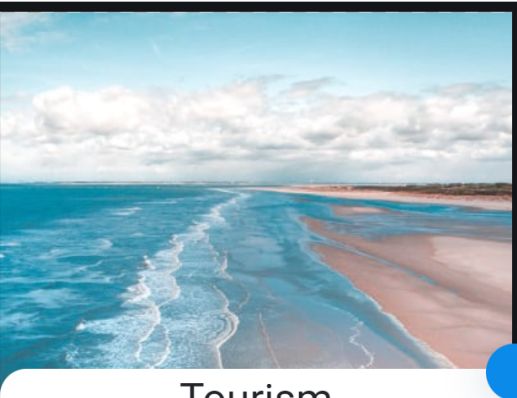
```
1 <div class="d-flex flex-column justify-content-end">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

HTML

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```
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>
```



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```
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

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

Inspect

Help

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Submit Feedback

MARKED AS COMPLETE

NotesDiscussions

## Notes

+ NEW NOTE

**B I U**    

Title  
Take a Note

CANCEL

SAVE

Help

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