

# Bootstrap

## Bootstrap 5

### Introduction

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

### **BS5 Containers**

Bootstrap 5 also requires a containing element to wrap site contents. There are two container classes to choose from:

- The `.container` class provides a responsive fixed width container
- The `.container-fluid` class provides a full width container, spanning the entire width of the viewport
- Fixed Container
- **Fluid Container**
- **Container Padding**

### **BS5 Grid Basic**

- **Grid Classes**

### **BS5 Typography**

### **BS5 Colors**

### **Background Colors**

### **BS5 Tables**

### **BS5 Images**

### **BS5 Jumbotron**

- A jumbotron was introduced in Bootstrap 3 as a big padded box for calling extra attention to some special content or information.
- Jumbotrons are no longer supported in Bootstrap 5. However, you can use a `<div>` element and add special helper classes together with a color class to achieve the same effect:

### **BS5 Alerts**

- Alert Link

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- Closing Alert
- Animated Alerts

## **BS5 Buttons**

## **BS5 Button Groups**

## **BS5 Badges**

- **Contextual Badges**

## **BS5 Progress Bars**

## **BS5 Spinners**

- Spinners
- Colored Spinners
- Growing Spinners
- Spinner Size
- Spinner Buttons

## **BS5 Pagination**

## **BS5 List Groups**

## **BS5 Cards**

## **BS5 Dropdowns**

## **BS5 Collapse**

## **BS5 Navs**

## **BS5 Navbar**

- **Basic Navbar**

- With Bootstrap, a navigation bar can extend or collapse, depending on the screen size.
- A standard navigation bar is created with the `.navbar` class, followed by a responsive collapsing class: `.navbar-expand-xxl|xl|lg|md|sm` (stacks the navbar vertically on xxlarge, extra large, large, medium or small screens).
- To add links inside the navbar, use either an `<ul>` element (or a `<div>`) with `class="navbar-nav"`. Then add `<li>` elements with a `.nav-item` class followed by an `<a>` element with a `.nav-link` class:

- Vertical Navbar

- **Centered Navbar**

## **BS5 Carousel**

## **BS5 Modal**

## **BS5 Tooltip**

## **BS5 Popover**

- **Popovers**

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- The Popover component is similar to tooltips; it is a pop-up box that appears when the user clicks on an element. The difference is that the popover can contain much more content
- Toggle popover

**BS5 Toast**

**BS5 Scrollspy**

**BS5 Offcanvas**

**BS5 Utilities**

**BS5 Dark Mode**

**BS5 Flex**

## Bootstrap 5 Forms

- BS5 FormsBS5 Select MenusBS5 Checks and RadiosBS5 RangeBS5 Input GroupsBS5 Floating LabelsBS5 Form Validation

## Bootstrap 5 Grid

- BS5 Grid SystemBS5 Stacked/HorizontalBS5 Grid XSmallBS5 Grid SmallBS5 Grid MediumBS5 Grid LargeBS5 Grid XLargeBS5 Grid XXL