Bootstrap Form Inputs

The bootstrap will support all HTML input controls such as text, select, textarea, password, datetime, number, email, url, etc. and it has a styling for all input controls.

By using bootstrap predefined .form-control class, we can style textual form controls such as <input>, <select> and <textarea> elements. Same way, we need to use other predefined classes such as .form-check-input, .form-control-file, etc. to style checkboxes, file inputs, etc. based on our requirements.

Now, we will learn how to style different input controls in bootstrap with examples.

Bootstrap Form Textual Controls

As discussed, by using .form-control class, we can style textual form controls such as <input>, <select> and <textarea> elements.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-textual-controls-example)

<form>

    <div class="form-group">

        <label for="email">Email</label>

        <input type="email" class="form-control" id="email1" placeholder="Enter email">

    </div>

    <div class="form-group">

        <label for="password">Password</label>

        <input type="password" class="form-control" id="Password1" placeholder="Enter password">

    </div>

    <div class="form-group">

        <label for="gender">Gender</label>

        <select class="form-control" id="Select1">

            <option>Male</option>

            <option>Female</option>

        </select>

    </div>

    <div class="form-group">

        <label for="languages">Languages</label>

        <select multiple class="form-control" id="Select2">

            <option>English</option>

            <option>Telugu</option>

            <option>Hindi</option>

            <option>Kannada</option>

            <option>Tamil</option>

        </select>

    </div>

    <div class="form-group">

        <label for="bio">Bio</label>

        <textarea class="form-control" id="Textarea1" rows="3"></textarea>

    </div>

</form>

If you observe the above example, we added .form-control class to textual input controls to change the style of controls. The above example will return the result like as shown below.

Bootstrap Form File Input Control

In bootstrap, we can style file input control by adding .form-control-file class instead of .form-control.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-file-input-control-example)

<form>

    <div class="form-group">

        <label for="fileupload">Profile Pic</label>

        <input type="file" class="form-control-file" id="File1">

    </div>

</form>

The above example will return the result like as shown below.

Bootstrap form file input control example result

Bootstrap Form Checkboxes and Radios

In bootstrap, we can change the default style of checkboxes and radio controls by using .form-check class, .form-check-input and .form-check-label classes.

We need to wrap all the checkboxes and radios inside of .form-check class to provide proper spacing and alignment. The .form-check-input class is useful to style the checkboxes and radios. The .form-check-label class is useful to style label controls.

By default, the checkboxes and radios will be vertically stacked. Following is the example of checkboxes and radios in bootstrap.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-checkboxes-and-radios-example)

<form>

    <div class="form-check">

        <input type="radio" class="form-check-input" name="genderadios" id="Radio1" value="male" checked>

        <label class="form-check-label" for="gridRadios1">Male</label>

    </div>

    <div class="form-check">

        <input type="radio" class="form-check-input" name="genderadios" id="Radio2" value="female">

        <label class="form-check-label" for="gridRadios2">Female</label>

    </div>

    <div class="form-check">

        <input type="checkbox" class="form-check-input" name="langchk" id="Checkbox1" value="english">

        <label class="form-check-label" for="english">English</label>

    </div>

    <div class="form-check">

        <input type="checkbox" class="form-check-input" name="langchk" id="Checkbox2" value="telugu">

        <label class="form-check-label" for="telugu">Telugu</label>

    </div>

</form>

The above example will return the result like as shown below.

Bootstrap Inline Checkboxes and Radios

In case, if you want to arrange the checkboxes and radios horizontally in same row, then you need to add .form-check-inline class along with .form-check class like as shown below.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-inline-checkboxes-and-radios-example)

<form>

    <!--Horizontal Radios-->

    <div class="form-check form-check-inline">

        <input type="radio" class="form-check-input" name="genderadios" id="Radio1" value="male" checked>

        <label class="form-check-label" for="gridRadios1">Male</label>

    </div>

    <div class="form-check form-check-inline">

        <input type="radio" class="form-check-input" name="genderadios" id="Radio2" value="female">

        <label class="form-check-label" for="gridRadios2">Female</label>

    </div>

    <!--Horizontal Checkboxes-->

    <div class="form-check form-check-inline">

        <input type="checkbox" class="form-check-input" name="langchk" id="Checkbox1" value="english">

        <label class="form-check-label" for="english">English</label>

    </div>

    <div class="form-check form-check-inline">

        <input type="checkbox" class="form-check-input" name="langchk" id="Checkbox2" value="telugu">

        <label class="form-check-label" for="telugu">Telugu</label>

    </div>

</form>

The above example will return the result like as shown below.

Bootstrap Form Range Input Control

In bootstrap forms, we can change the default style of range input control by adding .form-control-range class.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-range-input-control-example)

<form>

    <div class="form-group">

        <label for="rangeinput">Set the Range</label>

        <input type="range" class="form-control-range" id="range1">

    </div>

</form>

The above example will return the result like as shown below.

Bootstrap form range input control example result

Bootstrap Form Control Sizing

In bootstrap, we can change the size of <input> and <select> controls to large or small by using .form-control-lg, .form-control-sm classes. Same way, we can also change the size of <label> or <legend> controls by using .col-form-label-lg or .col-form-label-sm classes.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-control-sizing-example)

<form>

    <div class="form-group row">

        <label for="email" class="col-sm-2 col-form-label col-form-label-lg">Name</label>

        <div class="col-sm-10">

            <input type="text" class="form-control form-control-lg" id="Text2" placeholder="Large">

        </div>

    </div>

    <div class="form-group row">

        <label for="password" class="col-sm-2 col-form-label">Location</label>

        <div class="col-sm-10">

            <input type="text" class="form-control" id="Text3" placeholder="Default">

        </div>

    </div>

    <div class="form-group row">

        <label for="password" class="col-sm-2 col-form-label col-form-label-sm">Education</label>

        <div class="col-sm-10">

            <input type="text" class="form-control form-control-sm" id="Text4" placeholder="Small">

        </div>

    </div>

</form>

The above example will return the result like as shown below.

Same way, you can apply .form-control-lg, .form-control-sm classes on <select> elements to change the size of controls like as shown below.

[Live Preview](https://www.tutlane.com/tutorial/bootstrap/bootstrap-form-inputs)

<select class="form-control form-control-lg">

  <option>Large</option>

</select>

<select class="form-control">

  <option>Default</option>

</select>

<select class="form-control form-control-sm">

  <option>Small</option>

</select>

Bootstrap Form Control States

In bootstrap, by adding disabled and readonly attributes to form input controls we can prevent the modification of input values.

The disabled attribute will completely disable the input controls and it won’t allow making any modifications to the content. The readonly attribute is also the same as disabled attribute but the only difference is it will retain the standard cursor.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-control-states-example)

<form>

    <div class="form-group">

        <label for="username">Username (touch to focus)</label>

        <input type="text" class="form-control" id="Text1" placeholder="Enter username">

    </div>

    <div class="form-group">

        <label for="usernameDisabled">Username (disabled)</label>

        <input type="text" class="form-control" id="Text2" placeholder="Enter username" disabled>

    </div>

    <div class="form-group">

        <label for="usernameReadonly">Username (readonly)</label>

        <input type="text" class="form-control" id="Text3" placeholder="Enter username" readonly>

    </div>

</form>

The above example will return the result like as shown below.

Bootstrap Form Control Plain Text

In case, if you want to style the form input controls as plain text, then you need to apply .form-control-plaintext instead of .form-control class on <input> controls.

The .form-control-plaintext class will remove the default form field style and present the form input field value as plain text.

[Live Preview](https://www.tutlane.com/example/bootstrap/bootstrap-form-readonly-plain-text-controls-example)

<form>

    <div class="form-group row">

        <label for="email" class="col-sm-2 col-form-label">Email</label>

        <div class="col-sm-10">

            <input type="email" class="form-control-plaintext" id="email1" value="support@tutlane.com">

        </div>

    </div>

    <div class="form-group row">

        <label for="password" class="col-sm-2 col-form-label">Password</label>

        <div class="col-sm-10">

            <input type="password" class="form-control" id="Password1" placeholder="Enter password">

        </div>

    </div>

    <div class="form-group row">

        <div class="col-sm-10 offset-sm-2">

            <button type="submit" class="btn btn-primary">Sign In</button>

        </div>

    </div>

</form>

The above example will return the result like as shown below.

This is how we can change the default style of input controls using bootstrap built-in classes based on our requirements.