Bootstrap Forms

In Bootstrap, there are three types of form layouts:

* Vertical form (this is default)
* Horizontal form
* Inline form

Bootstrap Form Rules

There are three standard rules for these 3 form layouts:

* Always use <form role="form"> (helps improve accessibility for people using screen readers)
* Wrap labels and form controls in <div class="form-group"> (needed for optimum spacing)
* Add class .form-control to all textual <input>, <textarea>, and <select> elements

1) Bootstrap Vertical Form (Default)

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap example**</title>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**/>**
6. **</head>**
7. **<body>**
9. **<div** class="container"**>**
10. **<h1>**Vertical Form Example**</h1>**
12. **<form** style="width:300px"**>**
13. **<div** class="form-group"**>**
14. **<label** for="exampleInputEmail1"**>**Email address**</label>**
15. **<input** type="email" class="form-control" id="exampleInputEmail1" placeholder="Email"**>**
16. **</div>**
17. **<div** class="form-group"**>**
18. **<label** for="exampleInputPassword1"**>**Password**</label>**
19. **<input** type="password" class="form-control" id="exampleInputPassword1" placeholder="Password"**>**
20. **</div>**
22. **<button** type="submit" class="btn btn-default"**>**Login**</button>**
23. **</form>**
25. **</div>**
27. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"**></script>**
28. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"**></script>**
29. **</body>**
30. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapform1)

2) Bootstrap Inline Form

In Bootstrap Inline forms, all elements are inline, left-aligned, and the labels are alongside.

This example is only applied to forms within viewports that are at least 768px wide!

**Example:**

2. <!DOCTYPE html**>**
3. **<html** lang="en"**>**
4. **<head>**
5. **<title>**Bootstrap Example**</title>**
6. **<meta** charset="utf-8"**>**
7. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
8. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
10. **</head>**
11. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Inline form Example**</h2>**
15. **<form** class="form-inline" role="form"**>**
16. **<form** style="width:300px"**>**
17. **<div** class="form-group"**>**
18. **<label** for="exampleInputEmail1"**>**Email address**</label>**
19. **<input** type="email" class="form-control" id="exampleInputEmail1" placeholder="Email"**>**
20. **</div>**
21. **<div** class="form-group"**>**
22. **<label** for="exampleInputPassword1"**>**Password**</label>**
23. **<input** type="password" class="form-control" id="exampleInputPassword1" placeholder="Password"**>**
24. **</div>**
26. **<button** type="submit" class="btn btn-default"**>**Login**</button>**
27. **</form>**
29. **</div>**
30. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
31. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
33. **</body>**
34. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapform2)

3) Bootstrap Horizontal Form

You have to add some additional rules if you want to create a horizontal form.

**Additional rules for a horizontal form:**

* Add class .form-horizontal to the <form> element
* Add class .control-label to all <label> elements

**Example:**

2. <!DOCTYPE html**>**
3. **<html** lang="en"**>**
4. **<head>**
5. **<title>**Bootstrap Example**</title>**
6. **<meta** charset="utf-8"**>**
7. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
8. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
10. **</head>**
11. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Horizontal form Example**</h2>**
15. **<form** class="form-horizontal" role="form"**>**
16. **<form** style="width:300px"**>**
17. **<div** class="form-group"**>**
18. **<label** class="control-label col-sm-2" for="email"**>**Email:**</label>**
19. **<div** class="col-sm-10"**>**
20. **<input** type="email" class="form-control" id="email" placeholder="Enter email"**>**
21. **</div>**
22. **</div>**
23. **<div** class="form-group"**>**
24. **<label** class="control-label col-sm-2" for="pwd"**>**Password:**</label>**
25. **<div** class="col-sm-10"**>**
26. **<input** type="password" class="form-control" id="pwd" placeholder="Enter password"**>**
27. **</div>**
28. **</div>**
30. **<div** class="form-group"**>**
31. **<div** class="col-sm-offset-2 col-sm-10"**>**
32. **<button** type="submit" class="btn btn-default"**>**Submit**</button>**
33. **</div>**
34. **</div>**
35. **</form>**
36. **</div>**
37. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
38. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
40. **</body>**
41. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapform3)

Bootstrap 4 Forms

In Bootstrap4, form controls automatically receive some global styling with Bootstrap.

All textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%.

Stacked (full-width) form:

Bootstrap 4 provides full width stacked forms.

Example:

Let's take an example to create a stacked form with two input fields, one checkbox, and a submit button.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Stacked form**</h2>**
16. **<form>**
17. **<div** class="form-group"**>**
18. **<label** for="email"**>**Email:**</label>**
19. **<input** type="email" class="form-control" id="email" placeholder="Enter email"**>**
20. **</div>**
21. **<div** class="form-group"**>**
22. **<label** for="pwd"**>**Password:**</label>**
23. **<input** type="password" class="form-control" id="pwd" placeholder="Enter password"**>**
24. **</div>**
25. **<div** class="form-check"**>**
26. **<label** class="form-check-label"**>**
27. **<input** class="form-check-input" type="checkbox"**>** Remember me
28. **</label>**
29. **</div>**
30. **<button** type="submit" class="btn btn-primary"**>**Submit**</button>**
31. **</form>**
32. **</div>**
34. **</body>**
35. **</html>**

Alert Links

You have to add the alert-link class to any links inside the alert box to create "matching colored links":

Example:

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Bootstrap Alert Links**</h2>**
16. **<div** class="alert alert-success"**>**
17. **<strong>**Success!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
18. **</div>**
19. **<div** class="alert alert-info"**>**
20. **<strong>**Info!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
21. **</div>**
22. **<div** class="alert alert-warning"**>**
23. **<strong>**Warning!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
24. **</div>**
25. **<div** class="alert alert-danger"**>**
26. **<strong>**Danger!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
27. **</div>**
28. **<div** class="alert alert-primary"**>**
29. **<strong>**Primary!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
30. **</div>**
31. **<div** class="alert alert-secondary"**>**
32. **<strong>**Secondary!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
33. **</div>**
34. **<div** class="alert alert-dark"**>**
35. **<strong>**Dark!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
36. **</div>**
37. **<div** class="alert alert-light"**>**
38. **<strong>**Light!**</strong>** You should **<a** href="#" class="alert-link"**>**read this message**</a>**.
39. **</div>**
40. **</div>**
42. **</body>**
43. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4alert2)

Closing Alerts

If you want to close the alert message, you have to add an .alert-dismissable class to the alert container. Then add class="close" and data-dismiss="alert" to a link or a button element (when you click on the close sign, the alert box will be closed.)

Example:

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Alerts**</h2>**
16. **<div** class="alert alert-success alert-dismissable"**>**
17. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
18. **<strong>**Success!**</strong>** This alert box could indicate a successful or positive action.
19. **</div>**
20. **<div** class="alert alert-info alert-dismissable"**>**
21. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
22. **<strong>**Info!**</strong>** This alert box could indicate a neutral informative change or action.
23. **</div>**
24. **<div** class="alert alert-warning alert-dismissable"**>**
25. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
26. **<strong>**Warning!**</strong>** This alert box could indicate a warning that might need attention.
27. **</div>**
28. **<div** class="alert alert-danger alert-dismissable"**>**
29. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
30. **<strong>**Danger!**</strong>** This alert box could indicate a dangerous or potentially negative action.
31. **</div>**
32. **<div** class="alert alert-primary alert-dismissable"**>**
33. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
34. **<strong>**Primary!**</strong>** Indicates an important action.
35. **</div>**
36. **<div** class="alert alert-secondary alert-dismissable"**>**
37. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
38. **<strong>**Secondary!**</strong>** Indicates a slightly less important action.
39. **</div>**
40. **<div** class="alert alert-dark alert-dismissable"**>**
41. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
42. **<strong>**Dark!**</strong>** Dark grey alert.
43. **</div>**
44. **<div** class="alert alert-light alert-dismissable"**>**
45. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
46. **<strong>**Light!**</strong>** Light grey alert.
47. **</div>**
48. **</div>**
50. **</body>**
51. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4alert3)

Animated Alerts

You can use .fade and .show classes to add a fading effect when closing the alert message. Example:

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Animated Alerts Example**</h2>**
16. **<div** class="alert alert-success alert-dismissable fade show"**>**
17. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
18. **<strong>**Success!**</strong>** This alert box could indicate a successful or positive action.
19. **</div>**
20. **<div** class="alert alert-info alert-dismissable fade show"**>**
21. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
22. **<strong>**Info!**</strong>** This alert box could indicate a neutral informative change or action.
23. **</div>**
24. **<div** class="alert alert-warning alert-dismissable fade show"**>**
25. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
26. **<strong>**Warning!**</strong>** This alert box could indicate a warning that might need attention.
27. **</div>**
28. **<div** class="alert alert-danger alert-dismissable fade show"**>**
29. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
30. **<strong>**Danger!**</strong>** This alert box could indicate a dangerous or potentially negative action.
31. **</div>**
32. **<div** class="alert alert-primary alert-dismissable fade show"**>**
33. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
34. **<strong>**Primary!**</strong>** Indicates an important action.
35. **</div>**
36. **<div** class="alert alert-secondary alert-dismissable fade show"**>**
37. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
38. **<strong>**Secondary!**</strong>** Indicates a slightly less important action.
39. **</div>**
40. **<div** class="alert alert-dark alert-dismissable fade show"**>**
41. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
42. **<strong>**Dark!**</strong>** Dark grey alert.
43. **</div>**
44. **<div** class="alert alert-light alert-dismissable fade show"**>**
45. **<button** type="button" class="close" data-dismiss="alert"**>**×**</button>**
46. **<strong>**Light!**</strong>** Light grey alert.
47. **</div>**
48. **</div>**
50. **</body>**
51. **</html>**