

03

FORMS

WHAT YOU WILL LEARN

- Form Control
- Layout
- Validations

Form Control

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%.

- **Bootstrap Form Layouts-**
 - Vertical form (this is default)
 - Horizontal form
 - Inline form
- Standard rules for all three form layouts:
 - Wrap labels and form controls in `<div class="mb5 mt3">` (needed for optimum spacing)
 - All textual `<input>` and `<textarea>` elements with class `.form-control` get proper form styling:
 - add a `.form-label` class to each label element to ensure correct padding.

➤ Form Row/Grid (Inline Forms)

- form elements to appear side by side, use `.row` and `.col`
- the size of `.form-control` inputs with `.form-control-lg` or `.form-control-sm`
- the `.form-control-plaintext` class to style an input field without borders, but keep proper margins and padding
- To style an input with `type="color"` properly, use the `.form-control-color` class:

➤ Select Menu

- To style a select menu in Bootstrap 5, add the `.form-select` class to the `<select>` element:
- Use the `.form-select-lg` or `.form-select-sm` class to change the size of the select menu:

➤ Checkbox

- To style checkboxes, use a wrapper element with `class="form-check"` to ensure proper margins for labels and checkboxes.
- add the `.form-check-label` class to label elements, and `.form-check-input` to style checkboxes properly inside the `.form-check` container.

➤ Toggle Switches

- use the `.form-switch` class together with the `.form-check` container

➤ Input Groups

- The `.input-group` class is a container to enhance an input by adding an icon, text or a button in front or behind the input field as a "help text".
- To style the specified help text, use the `.input-group-text` class

➤ Floating Labels / Animated Labels

- The `<label>` elements must come after the `<input>` element, and the `placeholder` attribute is required for each `<input>` element (even though it is not shown).

➤ Form Validation

- `.was-validated` to indicate what's missing before submitting the form:
- `.valid-feedback` or `.invalid-feedback` message to tell the user explicitly what's missing, or needs to be done before submitting the form.