WEB TECHNOLOGY 520112-165

BOOTSTRAP#2

BOOTSTRAP COLORS

```html
<div class="container mt-3">
  <h2>Contextual Colors</h2>
  <p>Use the contextual classes to provide "meaning through colors":</p>
  <p class="text-muted">This text is muted.</p>
  <p class="text-primary">This text is important.</p>
  <p class="text-success">This text indicates success.</p>
  <p class="text-info">This text represents some information.</p>
  <p class="text-warning">This text represents a warning.</p>
  <p class="text-danger">This text represents danger.</p>
  <p class="text-secondary">Secondary text.</p>
  <p class="text-dark">This text is dark grey.</p>
  <p class="text-body">Default body color (often black).</p>
  <p class="text-light">This text is light grey (on white background).</p>
  <p class="text-white">This text is white (on white background).</p>
</div>
```

Contextual Colors

Use the contextual classes to provide "meaning through colors":

This text is muted.

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

Secondary text.

This text is dark grey.

Default body color (often black).

```html
<div class="container mt-3">
  <h2>Opacity Text Colors</h2>
  <p>Add 50% opacity for black or white text with the .text-black-50 or .text-white-50 classes:</p>
  <p class="text-black-50">Black text with 50% opacity on white background</p>
  <p class="text-white-50 bg-dark">White text with 50% opacity on black background</p>
</div>
```

Opacity Text Colors

Add 50% opacity for black or white text with the .text-black-50 or .text-white-50 classes:

Black text with 50% opacity on white background

White text with 50% opacity on black background

BOOTSTRAP COLORS

```html
<div class="container mt-3">
  <h2>Contextual Backgrounds</h2>
  <p>Use the contextual background classes to provide "meaning
through colors".</p>
  <div class="bg-primary p-3"></div>
  <div class="bg-success p-3"></div>
  <div class="bg-info p-3"></div>
  <div class="bg-warning p-3"></div>
  <div class="bg-danger p-3"></div>
  <div class="bg-secondary p-3"></div>
  <div class="bg-dark p-3"></div>
  <div class="bg-light p-3"></div>
</div>
```

Contextual Backgrounds

Use the contextual background classes to provide "meaning through colors".

```html
<div class="container mt-3">
  <h2>Background Color with Contrasting Text Color</h2>
  <p class="text-bg-primary">This text is important.</p>
  <p class="text-bg-success">This text indicates success.</p>
  <p class="text-bg-info">This text represents some information.</p>
  <p class="text-bg-warning">This text represents a warning.</p>
  <p class="text-bg-danger">This text represents danger.</p>
  <p class="text-bg-secondary">Secondary background color.</p>
  <p class="text-bg-dark">Dark grey background color.</p>
  <p class="text-bg-light">Light grey background color.</p>
</div>
```

Background Color with Contrasting Text Color

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

Secondary background color.

Dark grey background color.

Light grey background color.

BOOTSTRAP COLORS TABLE

```html
<div class="container mt-3">
  <h2>Contextual Classes</h2>
  <p>Contextual classes can be used to color the table, table rows or table cells. The
classes that can be used are: .table-primary, .table-success, .table-info, .table-
warning, .table-danger, .table-active, .table-secondary, .table-light and .table-dark:</p>
  <table class="table">
    <thead>
      <tr>
        <th>Firstname</th>
        <th>Lastname</th>
        <th>Email</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Default</td>
        <td>Defaultson</td>
        <td>def@somemail.com</td>
      </tr>
      <tr class="table-primary">
        <td>Primary</td>
        <td>Joe</td>
        <td>joe@example.com</td>
      </tr>
      <tr class="table-success">
        <td>Success</td>
        <td>Doe</td>
        <td>john@example.com</td>
      </tr>
      <tr class="table-danger">
        <td>Danger</td>
        <td>Moe</td>
        <td>mary@example.com</td>
      </tr>
      <tr class="table-info">
        <td>Info</td>
        <td>Dooley</td>
        <td>july@example.com</td>
      </tr>
      <tr class="table-warning">
        <td>Warning</td>
        <td>Refs</td>
        <td>bo@example.com</td>
      </tr>
      <tr class="table-active">
        <td>Active</td>
        <td>Activeson</td>
        <td>act@example.com</td>
      </tr>
      <tr class="table-secondary">
        <td>Secondary</td>
        <td>Secondson</td>
        <td>sec@example.com</td>
      </tr>
      <tr class="table-light">
        <td>Light</td>
        <td>Angie</td>
        <td>angie@example.com</td>
      </tr>
      <tr class="table-dark">
        <td>Dark</td>
        <td>Bo</td>
        <td>bo@example.com</td>
      </tr>
    </tbody>
  </table>
</div>
```

การกำหนดรูปแบบสีให้แต่ละแถว

Contextual Classes

Contextual classes can be used to color the table, table rows or table cells. The classes that can be used are: .table-primary, .table-success, .table-info, .table-warning, .table-danger, .table-active, .table-secondary, .table-light and .table-dark:

Firstname	Lastname	Email
Default	Defaultson	def@somemail.com
Primary	Joe	joe@example.com
Success	Doe	john@example.com
Danger	Moe	mary@example.com
Info	Dooley	july@example.com
Warning	Refs	bo@example.com
Active	Activeson	act@example.com
Secondary	Secondson	sec@example.com
Light	Angie	angie@example.com
Dark	Bo	bo@example.com

ถ้าต้องการกำหนดสีให้กับหัวตารางเราจะกำหนด

Class ที่ Tag thead เช่น

<thead class="table-dark">

BOOTSTRAP ALERT

```html
<div class="container mt-3">
  <h2>Alerts</h2>
  <p>Alerts are created with the .alert class, followed by
a contextual color classes:</p>
  <div class="alert alert-success">
    <strong>Success!</strong> This alert box could indicate
a successful or positive action.
  </div>
  <div class="alert alert-info">
    <strong>Info!</strong> This alert box could indicate a
neutral informative change or action.
  </div>
  <div class="alert alert-warning">
    <strong>Warning!</strong> This alert box could indicate
a warning that might need attention.
  </div>
  <div class="alert alert-danger">
    <strong>Danger!</strong> This alert box could indicate
a dangerous or potentially negative action.
  </div>
  <div class="alert alert-primary">
    <strong>Primary!</strong> Indicates an important
action.
  </div>
  <div class="alert alert-secondary">
    <strong>Secondary!</strong> Indicates a slightly less
important action.
  </div>
  <div class="alert alert-dark">
    <strong>Dark!</strong> Dark grey alert.
  </div>
  <div class="alert alert-light">
    <strong>Light!</strong> Light grey alert.
  </div>
</div>
```

Alerts

Alerts are created with the .alert class, followed by a contextual color classes:

Success! This alert box could indicate a successful or positive action.

Info! This alert box could indicate a neutral informative change or action.

Warning! This alert box could indicate a warning that might need attention.

Danger! This alert box could indicate a dangerous or potentially negative action.

Primary! Indicates an important action.

Secondary! Indicates a slightly less important action.

Dark! Dark grey alert.

Light! Light grey alert.

BOOTSTRAP ALERT

```html
<div class="container mt-3">
  <h2>Alert Links</h2>
  <p>Add the alert-link class to any links inside the alert box to create
"matching colored links".</p>
  <div class="alert alert-success">
    <strong>Success!</strong> You should <a href="#" class="alert-link">read
this message</a>.
  </div>
  <div class="alert alert-info">
    <strong>Info!</strong> You should <a href="#" class="alert-link">read this
message</a>.
  </div>
</div>
```

Alert Links

Add the alert-link class to any links inside the alert box to create "matching colored links".

Success! You should **read this message**.

Info! You should **read this message**.

BOOTSTRAP ALERT

ถ้าต้องการทำให้มีปุ่มปิดข้อความเตือน

ระบุ Class .alert-dismissible ที่ div ที่ระบุ class alert ไว้ จากนั้น

เพิ่ม class="btn-close" และ data-bs-dismiss="alert" ที่ button

```html
<div class="container mt-3">
  <h2>Alerts</h2>
  <p>The button with class="btn-close" and data-bs-dismiss="alert" is used to close the alert box.</p>
  <p>The alert-dismissible class aligns the button to the right.</p>
  <div class="alert alert-success alert-dismissible">
    <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
    <strong>Success!</strong> This alert box could indicate a successful or positive action.
  </div>
  <div class="alert alert-info alert-dismissible">
    <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
    <strong>Info!</strong> This alert box could indicate a neutral informative change or action.
  </div>
  <div class="alert alert-warning alert-dismissible">
    <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
    <strong>Warning!</strong> This alert box could indicate a warning that might need attention.
  </div>
</div>
```

Alerts

The button with class="btn-close" and data-bs-dismiss="alert" is used to close the alert box.

The alert-dismissible class aligns the button to the right.

> **Success!** This alert box could indicate a successful or positive action.   ✕

> **Info!** This alert box could indicate a neutral informative change or action.   ✕

> **Warning!** This alert box could indicate a warning that might need attention.   ✕

ถ้าต้องการให้เมื่อปิด Alert แล้วมี Effect สามารถใส่ .fade .show เพิ่มได้ เช่น

```html
<div class="alert alert-success alert-dismissible fade show">
```

BOOTSTRAP BUTTONS

```html
<div class="container mt-3">
  <h2>Button Styles</h2>
  <button type="button" class="btn">Basic</button>
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button" class="btn btn-secondary">Secondary</button>
  <button type="button" class="btn btn-success">Success</button>
  <button type="button" class="btn btn-info">Info</button>
  <button type="button" class="btn btn-warning">Warning</button>
  <button type="button" class="btn btn-danger">Danger</button>
  <button type="button" class="btn btn-dark">Dark</button>
  <button type="button" class="btn btn-light">Light</button>
  <button type="button" class="btn btn-link">Link</button>
</div>
```

Button Styles

Basic Primary Secondary Success Info Warning Danger Dark Light Link

btn class สามารถใช้ได้กับ <a>, <button> และ <input type="button">

```html
<div class="container mt-3">
  <h2>Button Elements</h2>
  <a href="#" class="btn btn-success">Link Button</a>
  <button type="button" class="btn btn-success">Button</button>
  <input type="button" class="btn btn-success" value="Input Button">
  <input type="submit" class="btn btn-success" value="Submit Button">
  <input type="reset" class="btn btn-success" value="Reset Button">
</div>
```
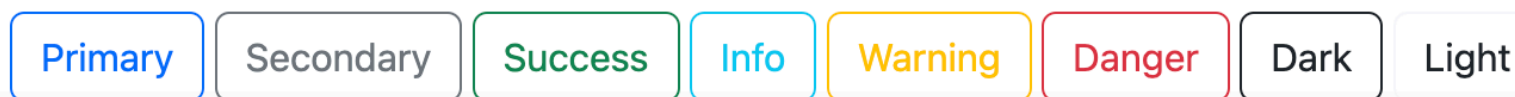
Button Elements

Link Button Button Input Button Submit Button Reset Button

BOOTSTRAP BUTTONS

ปุ่มแบบ Outline

```html
<div class="container mt-3">
  <h2>Button Outline</h2>
  <button type="button" class="btn btn-outline-primary">Primary</button>
  <button type="button" class="btn btn-outline-secondary">Secondary</button>
  <button type="button" class="btn btn-outline-success">Success</button>
  <button type="button" class="btn btn-outline-info">Info</button>
  <button type="button" class="btn btn-outline-warning">Warning</button>
  <button type="button" class="btn btn-outline-danger">Danger</button>
  <button type="button" class="btn btn-outline-dark">Dark</button>
  <button type="button" class="btn btn-outline-light text-dark">Light</button>
</div>
```

Button Outline

Primary Secondary Success Info Warning Danger Dark Light

ขนาดปุ่ม เราสามารถใช้ class .btn-lg เพื่อสร้างปุ่มใหญ่ และ .btn-sm ปุ่มเล็ก

```html
<div class="container mt-3">
  <h2>Button Sizes</h2>
  <button type="button" class="btn btn-primary btn-lg">Large</button>
  <button type="button" class="btn btn-primary btn-md">Default</button>
  <button type="button" class="btn btn-primary btn-sm">Small</button>
</div>
```

Button Sizes

Large Default Small

BOOTSTRAP BUTTONS

ปุ่มแบบ Outline

```html
<div class="container mt-3">
  <h2>Button Outline</h2>
  <button type="button" class="btn btn-outline-primary">Primary</button>
  <button type="button" class="btn btn-outline-secondary">Secondary</button>
  <button type="button" class="btn btn-outline-success">Success</button>
  <button type="button" class="btn btn-outline-info">Info</button>
  <button type="button" class="btn btn-outline-warning">Warning</button>
  <button type="button" class="btn btn-outline-danger">Danger</button>
  <button type="button" class="btn btn-outline-dark">Dark</button>
  <button type="button" class="btn btn-outline-light text-dark">Light</button>
</div>
```
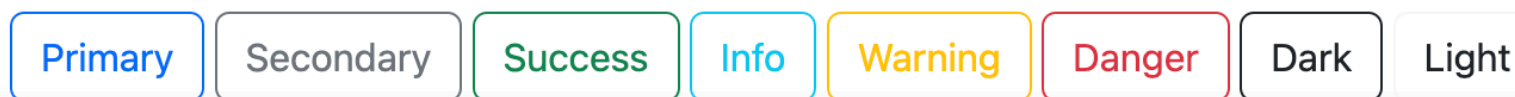
Button Outline

| Primary | Secondary | Success | Info | Warning | Danger | Dark | Light |

ขนาดปุ่ม เราสามารถใช้ class .btn-lg เพื่อสร้างปุ่มใหญ่ และ .btn-sm ปุ่มเล็ก

```html
<div class="container mt-3">
  <h2>Button Sizes</h2>
  <button type="button" class="btn btn-primary btn-lg">Large</button>
  <button type="button" class="btn btn-primary btn-md">Default</button>
  <button type="button" class="btn btn-primary btn-sm">Small</button>
</div>
```

Button Sizes

Large Default Small

BOOTSTRAP BUTTONS

Active/Disabled Buttons

```html
<div class="container mt-3">
  <h2>Button States</h2>
  <button type="button" class="btn btn-primary">Primary Button</button>
  <button type="button" class="btn btn-primary active">Active Primary</button>
  <button type="button" class="btn btn-primary" disabled>Disabled Primary</button>
  <a href="#" class="btn btn-primary disabled">Disabled Link</a>
</div>
```

Button States

Primary Button   Active Primary   Disabled Primary   Disabled Link

Spinner Buttons

```html
<div class="container mt-3">
  <h2>Spinner Buttons</h2>
  <p>Add spinners to buttons:</p>
  <button class="btn btn-primary">
    <span class="spinner-border spinner-border-sm"></span>
  </button>
  <button class="btn btn-primary">
    <span class="spinner-border spinner-border-sm"></span>
    Loading..
  </button>
  <button class="btn btn-primary" disabled>
    <span class="spinner-border spinner-border-sm"></span>
    Loading..
  </button>
  <button class="btn btn-primary" disabled>
    <span class="spinner-grow spinner-grow-sm"></span>
    Loading..
  </button>
</div>
```
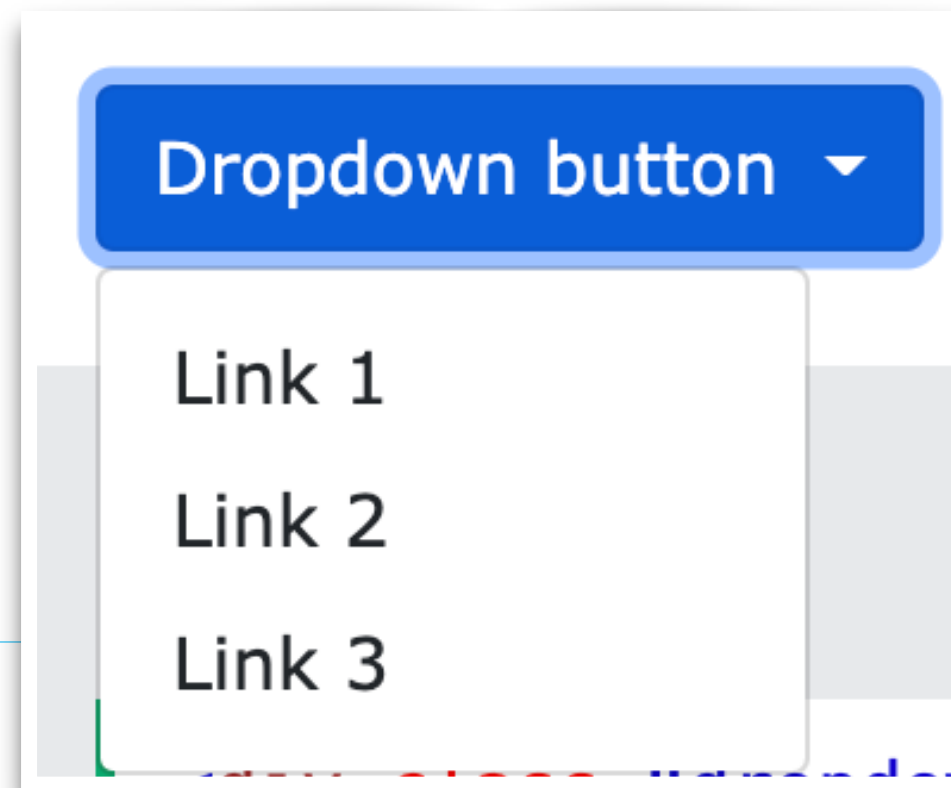
Spinner Buttons

Add spinners to buttons:

Loading..   Loading..   Loading..

BOOTSTRAP DROPDOWN

```html
<div class="dropdown">
  <button type="button" class="btn btn-primary dropdown-toggle" data-bs-toggle="dropdown">
    Dropdown button
  </button>
  <ul class="dropdown-menu">
    <li><a class="dropdown-item" href="#">Link 1</a></li>
    <li><a class="dropdown-item" href="#">Link 2</a></li>
    <li><a class="dropdown-item" href="#">Link 3</a></li>
  </ul>
</div>
```

BOOTSTRAP NAVS TABS

```html
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

Active   Link   Link   Disabled

BOOTSTRAP TABS แบบมี DROPDOWN

```html
<ul class="nav nav-pills">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">Dropdown</a>
    <ul class="dropdown-menu">
      <li><a class="dropdown-item" href="#">Link 1</a></li>
      <li><a class="dropdown-item" href="#">Link 2</a></li>
      <li><a class="dropdown-item" href="#">Link 3</a></li>
    </ul>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

Pills with Dropdown

Active   Dropdown ▾   Link   Disabled

Link 1

Link 2

Link 3

NAVBAR

```html
<nav class="navbar navbar-expand-sm bg-light">

  <div class="container-fluid">
    <!-- Links -->
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Link 1</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link 2</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link 3</a>
      </li>
    </ul>
  </div>

</nav>
```

Link 1   Link 2   Link 3

NAVBAR WITH DROPDOWN

```html
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">Dropdown</a>
  <ul class="dropdown-menu">
    <li><a class="dropdown-item" href="#">Link</a></li>
    <li><a class="dropdown-item" href="#">Another link</a></li>
    <li><a class="dropdown-item" href="#">A third link</a></li>
  </ul>
</li>
```
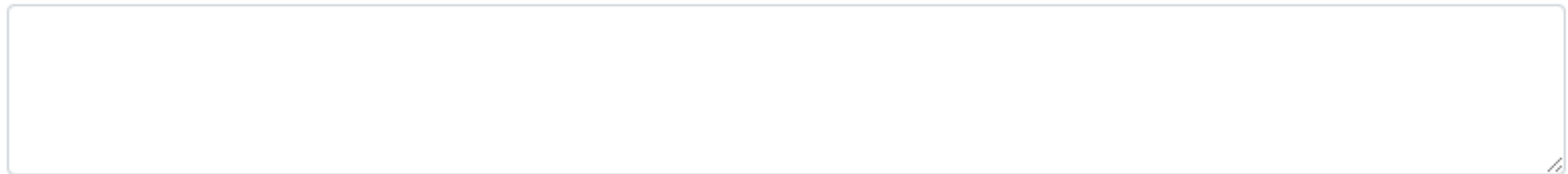
BOOTSTRAP FORM INPUT/TEXT AREA

```html
<div class="mb-3">
  <label for="exampleFormControlInput1" class="form-label">Email address</label>
  <input type="email" class="form-control" id="exampleFormControlInput1" placeholder="name@example.com">
</div>
<div class="mb-3">
  <label for="exampleFormControlTextarea1" class="form-label">Example textarea</label>
  <textarea class="form-control" id="exampleFormControlTextarea1" rows="3"></textarea>
</div>
```

Email address

name@example.com

Example textarea

FORM SELECT

```
<select class="form-select form-select-lg mb-3" aria-label=".form-select-lg example">
  <option selected>Open this select menu</option>
  <option value="1">One</option>
  <option value="2">Two</option>
  <option value="3">Three</option>
</select>

<select class="form-select form-select-sm" aria-label=".form-select-sm example">
  <option selected>Open this select menu</option>
  <option value="1">One</option>
  <option value="2">Two</option>
  <option value="3">Three</option>
</select>
```

Open this select menu ⌄

Open this select menu ⌄