

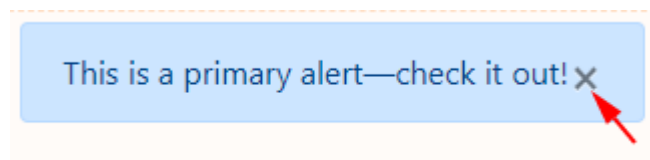
## 11.Utilities介紹

2019年1月8日 上午 10:58

**Utilities** 在 **Bootstrap**的目的是獨立的 **CSS** 屬性，用來輔助元件樣式。

關閉按鈕

```
<div class="alert alert-primary" role="alert">
  <button type="button" class="close" aria-label="Close">
    <span aria-hidden="true">&times;</span>
  </button>
  This is a primary alert—check it out!
</div>
```



顏色

文字顏色 和 連結顏色

```
<div class="demo">
  <p class="text-primary">.text-primary</p>
  <p class="text-secondary">.text-secondary</p>
  <p class="text-success">.text-success</p>
  <p class="text-danger">.text-danger</p>
  <p class="text-warning">.text-warning</p>
  <p class="text-info">.text-info</p>
  <p class="text-light">.text-light</p>
  <p class="text-dark">.text-dark</p>
</div>

<div class="demo">
  <p><a href="#" class="demo-primary">Primary link</a></p>
  <p><a href="#" class="demo-secondary">Secondary link</a></p>
  <p><a href="#" class="demo-success">Success link</a></p>
  <p><a href="#" class="demo-danger">Danger link</a></p>
  <p><a href="#" class="demo-warning">Warning link</a></p>
  <p><a href="#" class="demo-info">Info link</a></p>
  <p><a href="#" class="demo-light bg-gray">Light link</a></p>
  <p><a href="#" class="demo-dark">Dark link</a></p>
</div>
```

<code>.text-primary</code>	Primary link
<code>.text-secondary</code>	Secondary link
<code>.text-success</code>	Success link
<code>.text-danger</code>	Danger link
<code>.text-warning</code>	Warning link
<code>.text-info</code>	Info link
	Light link
<code>.text-dark</code>	Dark link

### 背景顏色

```
<div class="demo">
  <div class="p-3 mb-2 bg-primary text-white">.bg-primary</div>
  <div class="p-3 mb-2 bg-secondary text-white">.bg-secondary</div>
  <div class="p-3 mb-2 bg-success text-white">.bg-success</div>
  <div class="p-3 mb-2 bg-danger text-white">.bg-danger</div>
  <div class="p-3 mb-2 bg-warning text-white">.bg-warning</div>
  <div class="p-3 mb-2 bg-info text-white">.bg-info</div>
  <div class="p-3 mb-2 bg-light text-gray-dark">.bg-light</div>
  <div class="p-3 mb-2 bg-dark text-white">.bg-dark</div>
  <div class="p-3 mb-2 目標-white text-gray-dark">.bg-white</div>
</div>
```



d-inline ( display:inline) (固定高度)

```
<div class="demo col-12">  
  <div class="d-inline bg-success">d-inline</div>  
  <div class="d-inline bg-success">d-inline</div>  
</div>
```



d-block ( display: block)



d-inline-block(可調整連為高度)

d-inline-block  
d-inline-block

```
<div class="demo col-12">  
  <div class="d-inline-block bg-warning">d-inline-block</div>  
  <div class="d-inline-block bg-warning">d-inline-block</div>  
</div>
```

d-inline-block d-inline-block

d-lg-inline-block d-sm-block d-none

```
<div class="demo col-12">  
  <div class="bg-info d-lg-inline-block d-sm-block d-none">  
    拉動視窗  
  </div>  
</div>
```

float (left, right, none) (外層必須加上clearfix以免跑版)

```
<div class="demo col-12">  
  <div class="clearfix">  
    <div class="float-left">Float left on all viewport sizes</div><br>  
    <div class="float-right">Float right on all viewport sizes</div><br>  
    <div class="float-none">Don't float on all viewport sizes</div>  
  </div>  
</div>
```

Float left on all viewport sizes

Float right on all viewport sizes

Don't float on all viewport sizes

```
<div class="demo col-12">  
  <div class="clearfix">  
    <div class="float-right">Float right on all viewport sizes</div><br>  
    <div class="float-sm-right">Float right on viewports sized SM (small)</div><br>  
    <div class="float-md-right">Float right on viewports sized MD (medium)</div><br>  
    <div class="float-lg-right">Float right on viewports sized LG (large)</div><br>  
    <div class="float-xl-right">Float right on viewports sized XL (extra-large)</div><br>  
  </div>  
</div>
```

Float right on all viewport sizes

Float right on viewports sized SM (small) or wider

Float right on viewports sized MD (medium) or wider

Float right on viewports sized LG (large) or wider

Float right on viewports sized XL (extra-large) or wider

## text-hide(圖片隱藏文字SEO)

```
<div class="demo">
  <h1 class="text-hide" style="background-image: url('http://lorempixel.com/400/200/food'); width: 400px; height: 200px;"
    Bootstrap
  </h1>
</div>
```



隱藏後



## Position

以navbar做練習 fixed-top fixed-bottom sticky-top

```
<nav class="navbar navbar-expand-lg navbar-light bg-light fixed-bottom">
</nav>
```

sticky-top以內容元件做練習

Navbar Home Link Dropdown Disabled Search Search

voluptatem vel voluptatum fuga delectus ducimus nesciunt, neque, maxime quas autem veritatis optio nihil laborum totam rem tempore. Hic mollitia nemo at eligendi, exercitationem, repellendus dolor sequi itaque eos sint commodi magni placeat eum recusandae accusantium nam natus id eorum! Repudiandae eveniet reprehenderit veritatis nisi fugiat, voluptas dignissimos placeat quibusdam vero aperiam nobis nostrum corporis voluptates quam tempora dicta esse, omnis ducimus dolores ad commodi laborum minima dicta aut consequatur. Eum magni expedita, eligendi repellat quisquam incidunt natus consectetur provident alias, corrupti, at veritatis necessitatibus quaerere molestias fuga magnam, dolorem culpa voluptatibus possimus nihil nobis vel? Magnam placeat, quaerat dolorum agitur nam quibus, hic doloribus ut delectus, culpa doloribus aut id est, natus quibus magna molestias voluptates maxime tempore. Perferendis laboriosam nulla expedita eum ullam, quaerat libero laudantium ipsam eius aliquam. Possimus nisi ducimus saepe sit sapiente, nequam, laudantium cumque voluptatibus corrupti aliquam dolore fugiat minus tempore error provident aperiam? Soluta aspernatur, ac suscipit, ratione nisi commodi voluptate ad nulla ullam ut nesciunt consequatur culpa vellyptatibus voluptas aspernatur, ac suscipit, ratione nisi commodi voluptate ad nulla ullam ut nesciunt consequatur culpa utemdit blanditiis. Quia, facit, sequi, magnam ad ea omnis officiis architecto dolore consequatur, strum labore iure iram. Maiores vitae odit. Et sunt aperiam ducimus impedit laborum earum ea, eligendi, itaque magnam.

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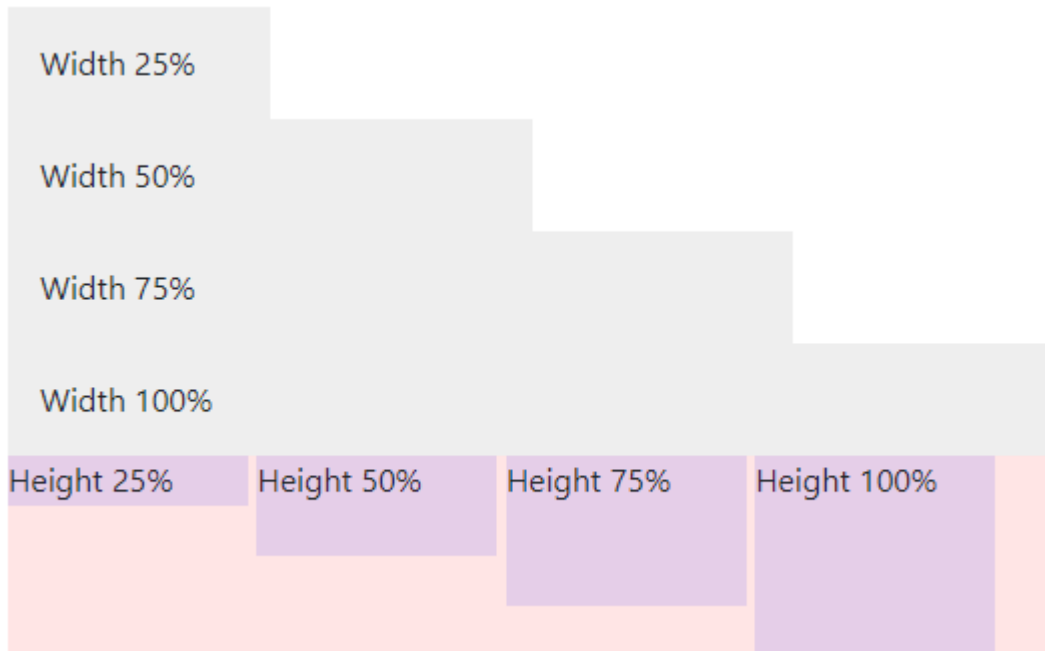
delentibus voluptatum corporis, sequi ex cumque earum aliquid praesentium qui assumenda alias obcaecati rerum! Laborum vero officiis perferendis ad ut numquam asperiores voluptatem possimus dolorum corrupti cumque, repellat sapiente, eveniet nemo quae, aspernatur iure amet molestias? Perferendis vel, modi, laudantium a nihil perspicatis nesciunt sit incidunt odit aut necessitatibus

w-x (25, 50, 75, 100)

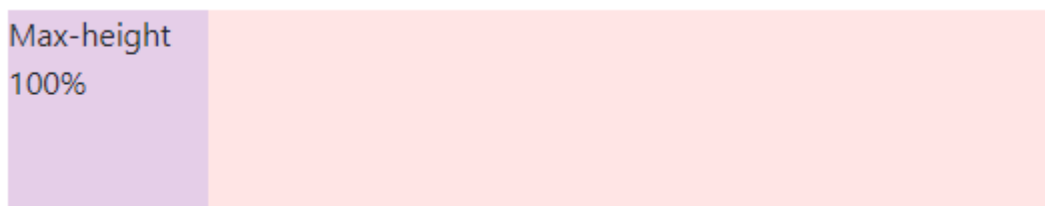


```
<div class="demo col-12">
  <div class="w-25 p-3" style="background-color: #eee;">Width 25%</div>
  <div class="w-50 p-3" style="background-color: #eee;">Width 50%</div>
  <div class="w-75 p-3" style="background-color: #eee;">Width 75%</div>
  <div class="w-100 p-3" style="background-color: #eee;">Width 100%</div>

  <div style="height: 100px; background-color: rgba(255,0,0,0.1);">
    <div class="h-25 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 25%</div>
    <div class="h-50 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 50%</div>
    <div class="h-75 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 75%</div>
    <div class="h-100 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 100%</div>
  </div>
</div>
```



mw, mh 分別代表 max-width: 100%; 和 max-height: 100%;



文字相關

text-justify: 文字對齊

```
<div class="demo">
  <p class="text-left">Left aligned text on all viewport sizes.</p>
  <p class="text-center">Center aligned text on all viewport sizes.</p>
  <p class="text-right">Right aligned text on all viewport sizes.</p>

  <p class="text-sm-right">Left aligned text on viewports sized SM (small) or wider.</p>
  <p class="text-md-right">Left aligned text on viewports sized MD (medium) or wider.</p>
  <p class="text-lg-right">Left aligned text on viewports sized LG (large) or wider.</p>
  <p class="text-xl-right">Left aligned text on viewports sized XL (extra-large) or wider.</p>
</div>
```

調整視窗大小觀察

Left aligned text on all viewport sizes.

Center aligned text on all viewport sizes.

Right aligned text on all viewport sizes.

Left aligned text on viewports sized SM (small) or wider.

Left aligned text on viewports sized MD (medium) or wider.

Left aligned text on viewports sized LG (large) or wider.

Left aligned text on viewports sized XL (extra-large) or wider.

text-nowrap 使文字不會換行

```
<div class="box text-nowrap">
  Lorem ipsum dolor sit amet, consectetur adipisicing elit. Laboriosam expedit
  quidem explicabo sed maxime, illum exercitationem omnis, magni nemo cumque
  deleniti atque a praesentium, cumque at repellendus omnis impedit minus vel
  eos pariatur velit! Molestiae, quis, non?
</div>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Lat

text-truncate 使將超出空間文字用 ... 替代

```
<div class="demo">
  <div class="row">
    <div class="col-4 text-truncate">
      Praeterea iter est quasdam res quas ex communi.
    </div>
  </div>
</div>
```

Praeterea it...

Lowercase: 轉小寫

Uppercase: 轉大寫

Capitalize: 字母首字大寫

```
<div class="demo">
  <p class="text-lowercase">Lowercased text.</p>
  <p class="text-uppercase">Uppercased text.</p>
  <p class="text-capitalize">CapitalizeD text.</p>
</div>
```

lowercased text.

UPPERCASED TEXT.

CapiTaliZed Text.

font-weight-bold:粗體

font-weight-normal：一般

font-italic：斜體

```
<div class="demo">
  <p class="font-weight-bold">Bold text.</p>
  <p class="font-weight-normal">Normal weight text.</p>
  <p class="font-italic">Italic text.</p>
</div>
```

**Bold text.**

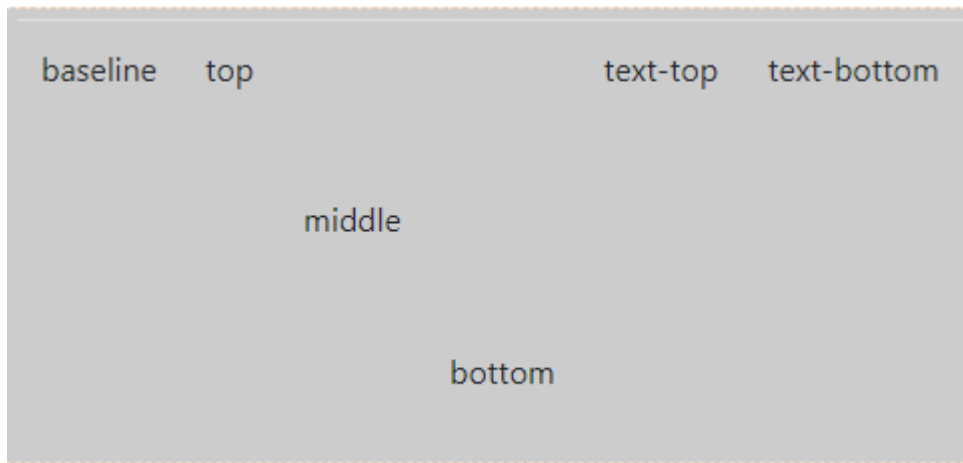
Normal weight text.

*Italic text.*

垂直對其方式 (baseline, top, middle, bottom, text-top, text-bottom)

```
<div class="demo">
  <table class="table" style="height: 200px;">
    <tbody>
      <tr>
        <td class="align-baseline">baseline</td>
        <td class="align-top">top</td>
        <td class="align-middle">middle</td>
        <td class="align-bottom">bottom</td>
        <td class="align-text">text-top</td>
        <td class="align-text">text-bottom</td>
      </tr>
    </tbody>
  </table>
</div>
```





visible: 出現

Invisible: 消失 (框架還是會存在)

```
<div class="demo">
  <div class="bg-info p-3">
    <div class="box invisible"></div>
    <div class="box visible"></div>
    <div class="box visible"></div>
  </div>
</div>
```

