

# Bootstrap CSS Cheat Sheet By - Mohd Rizwan Khan

## 1. Text Utilities

- `text-left`: Aligns text to the left.
- `text-center`: Aligns text to the center.
- `text-right`: Aligns text to the right.
- `text-justify`: Justifies text.
- `font-weight-bold`: Makes text bold.
- `font-weight-normal`: Applies normal font weight.
- `font-weight-light`: Applies light font weight.
- `italic`: Applies italic styling to text.
- `text-uppercase`: Transforms text to uppercase.
- `text-lowercase`: Transforms text to lowercase.
- `text-capitalize`: Capitalizes the first letter of each word.
- `text-primary`: Sets text color to primary theme color.
- `text-success`: Sets text color to success theme color.
- `text-danger`: Sets text color to danger theme color.
- `text-warning`: Sets text color to warning theme color.
- `text-info`: Sets text color to info theme color.

Example:

```
<p class="text-left font-weight-bold text-danger text-uppercase">This is bold, red, and uppercase text.</p>
```

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## 2. Background Utilities

- `bg-primary`: Sets background color to primary theme color.
- `bg-secondary`: Sets background color to secondary theme color.
- `bg-success`: Sets background color to success theme color.
- `bg-danger`: Sets background color to danger theme color.
- `bg-warning`: Sets background color to warning theme color.
- `bg-info`: Sets background color to info theme color.
- `bg-light`: Sets background color to light theme color.
- `bg-dark`: Sets background color to dark theme color.
- `bg-transparent`: Sets background to transparent.

Example:

```
<div class="bg-primary text-white p-4">This background is primary color.</div>
```

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### 3. Flexbox Utilities

- **d-flex**: Applies a flex container.
- **d-inline-flex**: Applies an inline flex container.
- **flex-row**: Arranges items in a horizontal row.
- **flex-column**: Arranges items in a vertical column.
- **flex-wrap**: Allows flex items to wrap.
- **align-items-start**: Aligns items to the start of the flex container.
- **align-items-center**: Aligns items to the center of the flex container.
- **align-items-end**: Aligns items to the end of the flex container.
- **justify-content-start**: Justifies content to the start.
- **justify-content-center**: Justifies content to the center.
- **justify-content-end**: Justifies content to the end.
- **justify-content-between**: Justifies content with space between items.

**Example:**

```
<div class="d-flex justify-content-between p-4">  
  <div>Item 1</div>  
  <div>Item 2</div>  
</div>
```

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### 4. Grid Utilities

- **container**: Creates a fixed-width container.
- **container-fluid**: Creates a full-width container.
- **row**: Creates a row within the grid.
- **col**: Creates a column within the grid.
- **col-1, col-2, ... col-12**: Defines column width based on grid system.
- **g-2, g-3**: Sets gap between grid items.

**Example:**

```
<div class="row g-3">  
  <div class="col-6">Column 1</div>  
  <div class="col-6">Column 2</div>  
</div>
```

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### 5. Spacing Utilities

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- `p-0`, `p-1`, ... `p-5`: Sets padding on all sides.
- `px-0`, `px-1`, ... `px-5`: Sets horizontal padding.
- `py-0`, `py-1`, ... `py-5`: Sets vertical padding.
- `m-0`, `m-1`, ... `m-5`: Sets margin on all sides.
- `mx-0`, `mx-1`, ... `mx-5`: Sets horizontal margin.
- `my-0`, `my-1`, ... `my-5`: Sets vertical margin.

Example:

```
<div class="p-4 m-2">This has padding and margin.</div>
```

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## 6. Borders & Radius Utilities

- `border`: Applies a border to an element.
- `border-0`: Removes the border.
- `border-top`, `border-bottom`, `border-left`, `border-right`: Applies borders to specific sides.
- `rounded`: Applies a small border radius (rounded corners).
- `rounded-sm`: Applies a small border radius.
- `rounded-lg`: Applies a large border radius.
- `rounded-circle`: Makes the element fully rounded (e.g., circles).
- `border-primary`: Applies a primary color border.

Example:

```
<div class="border rounded-lg p-4">This element has rounded corners and a border.</div>
```

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## 7. Positioning Utilities

- `position-relative`: Sets the position to relative.
- `position-absolute`: Sets the position to absolute.
- `position-fixed`: Sets the position to fixed.
- `position-sticky`: Sets the position to sticky.
- `top-0`, `right-0`, `bottom-0`, `left-0`: Positions an element at the edges of its container.

Example:

```
<div class="position-absolute top-0 right-0">This element is absolute positioned.</div>
```

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### 8. Transition & Animation Utilities

- `transition`: Applies a transition effect.
- `transition-all`: Applies transition to all properties.
- `transition-opacity`: Applies transition effect on opacity changes.
- `transition-colors`: Applies transition effect on color changes.
- `duration-150`: Sets transition duration to 150ms.
- `duration-300`: Sets transition duration to 300ms.
- `ease-in`, `ease-out`, `ease-in-out`: Applies easing function for transitions.

Example:

```
<div class="transition duration-300 ease-in-out hover:bg-primary">Hover to see transition</div>
```

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### 9. Transforms

- `transform`: Enables transformation.
- `scale-50`: Scales element to 50% of its original size.
- `rotate-45`: Rotates element by 45 degrees.
- `translate-x-3`: Translates element along the x-axis.
- `translate-y-3`: Translates element along the y-axis.

Example:

```
<div class="transform rotate-45 scale-50">This element is rotated and scaled.</div>
```

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### 10. Hover Effects

- `hover:bg-primary`: Changes background color on hover.
- `hover:text-white`: Changes text color to white on hover.
- `hover:opacity-75`: Changes opacity to 75% on hover.
- `hover:scale-110`: Scales the element to 110% on hover.

Example:

```
<div class="hover:bg-primary hover:text-white p-4">Hover to change background and text color</div>
```

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### 11. Responsive Utilities

- `d-none`: Hides element on all screen sizes.
- `d-sm-block`, `d-md-block`, `d-lg-block`, `d-xl-block`: Displays element at specific breakpoints.
- `col-sm-6`, `col-md-4`, `col-lg-3`: Defines column widths based on screen size.

**Example:**

```
<div class="d-none d-md-block">Visible only on medium and larger screens</div>
```