

CSS Border Properties

- ▶ The **border-color** specifies the color of a border.
- ▶ The **border-style** specifies whether a border should be solid, dashed line, double line, or one of the other possible values.
- ▶ The **border-width** specifies the width of a border.

Border Styles

- ▶ **none** – No border. (Equivalent of border-width:0;)
- ▶ **solid** – Border is a single solid line.
- ▶ **dotted** – Border is a series of dots.
- ▶ **dashed** – Border is a series of short lines.
- ▶ **double** – Border is two solid lines.
- ▶ **groove** – Border looks as though it is carved into the page.
- ▶ **ridge** – Border looks the opposite of groove.
- ▶ **inset** – Border makes the box look like it is embedded in the page.
- ▶ **outset** – Border makes the box look like it is coming out of the canvas.
- ▶ **hidden** – Same as none, except in terms of border-conflict resolution for table elements.

Example 05

```
<html>
  <head>
    <style type = "text/css">
      p.example1 {
        border:3px dotted;
        border-bottom-color:green;
        border-top-color:red;
        border-left-color:yellow;
        border-right-color:blue;
      }
      p.example2 {
        border:5px solid;
        border-color:green;
      }
    </style>
  </head>
  <body>
    <p class = "example1">
      This example is showing all borders in different colors.
    </p>
    <p class = "example2">
      This example is showing all borders in green color only.
    </p>
  </body>
</html> |
```

CSS List Properties

- ▶ The **list-style-type** allows you to control the shape or appearance of the marker.
- ▶ The **list-style-position** specifies whether a long point that wraps to a second line should align with the first line or start underneath the start of the marker.
- ▶ The **list-style-image** specifies an image for the marker rather than a bullet point or number.
- ▶ The **list-style** serves as shorthand for the preceding properties.

The list-style-type Property

- ▶ Consider the unordered list properties,
 - ▶ **Disk** (default)
 - ▶ A filled-in circle
 - ▶ **Circle**
 - ▶ An empty circle
 - ▶ **Square**
 - ▶ A filled-in square

The list-style-type Property Cont...

- ▶ Consider the ordered list properties,
 - ▶ **Decimal** - Number
 - ▶ 1, 2, 3, 4, ...
 - ▶ **Decimal-leading zero** - 0 before the number
 - ▶ 01, 02, 03, 04, ...
 - ▶ **Lower-alpha** - Lowercase alphanumeric characters
 - ▶ a, b, c, d, ...
 - ▶ **Upper-alpha** - Uppercase alphanumeric characters
 - ▶ A, B, C, D, ...
 - ▶ **Lower-roman** - Lowercase Roman numerals
 - ▶ i, ii, iii, iv, ...
 - ▶ **Upper-roman** - Uppercase Roman numerals
 - ▶ I, II, III, IV, ...
 - ▶ **Lower-greek** - The marker is lower-greek
 - ▶ alpha, beta, gamma, ...

The list-style-type Property Cont...

- ▶ Some more ordered list properties,
 - ▶ lower-latin
 - ▶ upper-latin
 - ▶ hebrew
 - ▶ armenian
 - ▶ georgian
 - ▶ cjk-ideographic
 - ▶ hiragana
 - ▶ katakana
 - ▶ hiragana-iroha
 - ▶ katakana-iroha

Example 06

```
<html>
  <head></head>
  <body>
    <ul style = "list-style-type:circle; list-style-position:outside;">
      <!-- <li style = "list-style-image: url(/images/bullet.gif);">Maths</li> -->
      <li>Maths</li>
      <li>Social Science</li>
      <li>Physics</li>
    </ul>
    <ul style = "list-style-type:square; list-style-position:inside;">
      <li>Maths</li>
      <li>Social Science</li>
      <li>Physics</li>
    </ul>
  </body>
</html>
```


Example 06 Cont ...

```
<ol style = "list-style-type:decimal; list-style-position:outside;">
  <li>Maths</li>
  <li>Social Science</li>
  <li>Physics</li>
</ol>
<ol style = "list-style-type:lower-alpha; list-style-position:inside;">
  <li>Maths</li>
  <li>Social Science</li>
  <li>Physics</li>
</ol>
<ol style = "list-style-type:lower-roman; list-style-position:inside;">
  <li>Maths</li>
  <li>Social Science</li>
  <li>Physics</li>
</ol>
</body>
</html>
```

The List style Property

- The **list-style** allows you to specify all the list properties into a single expression. These properties can appear in any order.

```
<html>
  <head>
  </head>

  <body>
    <ul style = "list-style: inside square;">
      <li>Maths</li>
      <li>Social Science</li>
      <li>Physics</li>
    </ul>

    <ol style = "list-style: outside upper-alpha;">
      <li>Maths</li>
      <li>Social Science</li>
      <li>Physics</li>
    </ol>
  </body>
</html> |
```

CSS Padding Property

- ▶ The **padding-bottom** specifies the bottom padding of an element.
- ▶ The **padding-top** specifies the top padding of an element.
- ▶ The **padding-left** specifies the left padding of an element.
- ▶ The **padding-right** specifies the right padding of an element.
- ▶ The **padding** serves as shorthand for the preceding properties.

CSS Cursor Properties

- ▶ **Auto** - Shape of the cursor depends on the context area it is over. For example an I over text, a hand over a link, and so on.
- ▶ **Crosshair** - A crosshair or plus sign
- ▶ **Default** - An arrow
- ▶ **Pointer** - A pointing hand (in IE 4 this value is hand)
- ▶ **Move** - The I bar
- ▶ **e-resize** - The cursor indicates that an edge of a box is to be moved right (east)
- ▶ **n-resize** - The cursor indicates that an edge of a box is to be moved up (north)

CSS Cursor Properties Cont...

- ▶ **s-resize** - The cursor indicates that an edge of a box is to be moved down (south)
- ▶ **w-resize** - The cursor indicates that an edge of a box is to be moved left (west)
- ▶ **ne-resize** - The cursor indicates that an edge of a box is to be moved up and right (north/east)
- ▶ **nw-resize** - The cursor indicates that an edge of a box is to be moved up and left (north/west)
- ▶ **se-resize** - The cursor indicates that an edge of a box is to be moved down and right (south/east)

CSS Cursor Properties Cont...

- ▶ **sw-resize** - The cursor indicates that an edge of a box is to be moved down and left (south/west)
- ▶ **Text** - The I bar
- ▶ **Wait** - An hour glass
- ▶ **Help** - A question mark or balloon, ideal for use over help buttons

Example 01

```
<html>
  <head><title>Example 01</title></head>
  <body>
    <p>Move the mouse over the words to see the cursor change:</p>

    <div style = "cursor:auto">Auto</div>
    <div style = "cursor:crosshair">Crosshair</div>
    <div style = "cursor:default">Default</div>
    <div style = "cursor:pointer">Pointer</div>
    <div style = "cursor:move">Move</div>
    <div style = "cursor:e-resize">e-resize</div>
    <div style = "cursor:n-resize">n-resize</div>
    <div style = "cursor:s-resize">s-resize</div>
    <div style = "cursor:w-resize">w-resize</div>
    <div style = "cursor:ne-resize">ne-resize</div>
    <div style = "cursor:nw-resize">nw-resize</div>
    <div style = "cursor:se-resize">se-resize</div>
    <div style = "cursor:sw-resize">sw-resize</div>
    <div style = "cursor:text">text</div>
    <div style = "cursor:wait">wait</div>
    <div style = "cursor:help">help</div>
  </body>
</html>
```