

CHAPTER SIX

CSS TEXT

TEXT FORMATTING

This text is styled with some of the text formatting properties. The heading uses the text-align, text-transform, and color properties. The paragraph is indented, aligned, and the space between characters is specified. The underline is removed from the "Try it yourself" link.

6.1 Text Color

The color property is used to set the color of the text.

With CSS, a color is most often specified by:

- a HEX value - like "#ff0000"
- an RGB value - like "rgb(255,0,0)"
- a color name - like "red"

The default color for a page is defined in the body selector.

Example

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      body {
        color: red;
      }

      h1 {
        color: #00ff00;
```

```

    }

    p.ex {
        color: rgb(0,0,255);
    }
</style>
</head>
<body>
    <h1>This is heading 1</h1>
    <p>This is an ordinary paragraph. Notice that this text is red. The default
    text-color for a page is defined in the body selector.</p>
    <p class="ex">This is a paragraph with class="ex". This text is
    blue.</p>
</body>
</html>

```

Note: *For W3C compliant CSS: If you define the color property, you must also define the background-color property.*

6.2 Text Alignment

The text-align property is used to set the horizontal alignment of a text. Text can be centered, or aligned to the left or right, or justified.

When text-align is set to "justify", each line is stretched so that every line has equal width, and the left and right margins are straight (like in magazines and newspapers).

Example

```

<!DOCTYPE html>
<html>
    <head>
        <style>
            h1 {

```

```

        text-align: center;
    }
    p.date {
        text-align: right;
    }
    p.main {
        text-align: justify;
    }
</style>
</head>
<body>
    <h1>CSS text-align Example</h1>
    <p class="date">May, 2009</p>
    <p class="main">
        In my younger and more vulnerable years my father gave me
        some advice that I've been turning over in my mind ever since.
        'Whenever you feel like criticizing anyone,' he told me,
        'just remember that all the people in this world haven't had the
        advantages that you've had.
    </p>
    <p><b>Note:</b> Resize the browser window to see how the value
    "justify" works.</p>
</body>
</html>

```

6.3 Text Decoration

The text-decoration property is used to set or remove decorations from text.

The text-decoration property is mostly used to remove underlines from links for design purposes:

Example

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      a {
        text-decoration: none;
      }
    </style>
  </head>
  <body>
    <p>Link to: <a href="google.com">google </a></p>
  </body>
</html>
```

It can also be used to decorate text:

Example

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      h1 {
        text-decoration: overline;
      }
      h2 {
        text-decoration: line-through;
      }
      h3 {
        text-decoration: underline;
      }
    </style>
  </head>
```

```
<body>
    <h1>This is heading 1</h1>
    <h2>This is heading 2</h2>
    <h3>This is heading 3</h3>
</body>
</html>
```

Note: It is not recommended to underline text that is not a link, as this often confuses users.

6.4 Text Transformation

The text-transform property is used to specify uppercase and lowercase letters in a text. It can be used to turn everything into uppercase or lowercase letters, or capitalize the first letter of each word.

Example

```
<!DOCTYPE html>
<html>
    <head>
        <style>
            p.uppercase {
                text-transform: uppercase;
            }
            p.lowercase {
                text-transform: lowercase;
            }
            p.capitalize {
                text-transform: capitalize;
            }
        </style>
    </head>
    <body>
        <p class="uppercase">This is some text.</p>
```

```
<p class="lowercase">This is some text.</p>
<p class="capitalize">This is some text.</p>
</body>
</html>
```

6.5 Text Indentation

The text-indent property is used to specify the indentation of the first line of a text.

Example

```
<!DOCTYPE html>
<html>
<head>
  <style>
    p {
      text-indent: 50px;
    }
  </style>
</head>
<body>
  <p>
    In my younger and more vulnerable years my father gave me some advice that
    I've been turning over in my mind ever since. 'Whenever you feel like criticizing
    anyone,' he told me, 'just remember that all the people in this world haven't had
    the advantages that you've had.
  </p>
</body>
</html>
```

All CSS Text Properties

Property	Description
<u>color</u>	Sets the color of text
<u>direction</u>	Specifies the text direction/writing direction
<u>letter-spacing</u>	Increases or decreases the space between characters in a text
<u>line-height</u>	Sets the line height
<u>text-align</u>	Specifies the horizontal alignment of text
<u>text-decoration</u>	Specifies the decoration added to text
<u>text-indent</u>	Specifies the indentation of the first line in a text-block
<u>text-shadow</u>	Specifies the shadow effect added to text
<u>text-transform</u>	Controls the capitalization of text
<u>unicode-bidi</u>	Used together with the <u>direction</u> property to set or return whether the text should be overridden to support multiple languages in the same document
<u>vertical-align</u>	Sets the vertical alignment of an element
<u>white-space</u>	Specifies how white-space inside an element is handled
<u>word-spacing</u>	Increases or decreases the space between words in a text