WEB PAGES DESIGN

Cascading Style Sheets (CSS)
List Properties & Color Properties

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Lecture 8.
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List Properties

❑ **list-style-type:**

• The list-style-type specifies the type of list-item marker in a list.

Value	Description
none	No marker is shown
disc	The marker is a filled circle. This is default for
circle	The marker is a circle
square	The marker is a square
decimal-leading-zero	The marker is a number with leading zeros (01, 02, 03, etc.)
lower-alpha	The marker is lower-alpha (a, b, c, d, e, etc.)
upper-alpha	The marker is upper-alpha (A, B, C, D, E, etc.)
lower-roman	The marker is lower-roman (i, ii, iii, iv, v, etc.)
upper-roman	The marker is upper-roman (I, II, III, IV, V, etc.)

Ex: list-style-type property

ul{list-style-type: square;}

ol{list-style-type: upper-roman;}

List Properties

Ex: list-style-type property

```html
<html>
<head>
<style>
ul.a {
  list-style-type: circle;
}
ul.b {
  list-style-type: square;
}
ol.c {
  list-style-type: upper-roman;
}
ol.d {
  list-style-type: lower-alpha;
}
</style>
</head>
<body>
<h2>The list-style-type Property</h2>
<p>Example of unordered lists:</p>
<ul class="a">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Coca Cola</li>
</ul>
```

```html
<ul class="b">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Coca Cola</li>
</ul>

<p>Example of ordered lists:</p>
<ol class="c">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Coca Cola</li>
</ol>

<ol class="d">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Coca Cola</li>
</ol>

</body>
</html>
```

Output:

The list-style-type Property

Example of unordered lists:

- Coffee
- Tea
- Coca Cola

- Coffee
- Tea
- Coca Cola

Example of ordered lists:

I. Coffee
II. Tea
III. Coca Cola

a. Coffee
b. Tea
c. Coca Cola

List Properties

❑ **list-style-image:**

• The list-style-image property replaces the list-item marker with an image.

Value	Description
url	The path to the image to be used as a list-item marker
none	No image will be displayed. Instead, the list-style-type property will define what type of list marker will be rendered. This is default

Ex: list-style-image property

ul {list-style-image:url('image.jpg');}

❑ **list-style-position:**

• The list-style-position property specifies if the list-item markers should appear inside or outside the content flow.

Value	Description
inside	Indents the marker and the text. The bullets appear inside the content flow
outside	Keeps the marker to the left of the text. The bullets appears outside the content flow. This is default

Ex: list-style-position property

ul{list-style-position: inside;}

ul{list-style-position: outside;

List Properties

```html
<html>
<head>
<style>
ul {
  list-style-image: url('sqpurple.gif');
}
</style>
</head>
<body>

<h2>The list-style-image Property</h2>

<p>The list-style-image property specifies an image as the list item marker:
</p>

<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Coca Cola</li>
</ul>

</body>
</html>
```

The list-style-image Property

The list-style-image property specifies an image as the list item marker:

- Coffee
- Tea
- Coca Cola

List Properties

```html
<html>
<head>
<style>
ul.a {
  list-style-position: outside;
}

ul.b {
  list-style-position: inside;
}
</style>
</head>
<body>
<h1>The list-style-position Property</h1>
<h2>list-style-position: outside (default):</h2>
<ul class="a">
  <li>Coffee - A brewed drink prepared from roasted coffee beans, which are
the seeds of berries from the Coffea plant</li>
  <li>Tea - An aromatic beverage commonly prepared by pouring hot or boiling
water over cured leaves of the Camellia sinensis, an evergreen shrub (bush)
native to Asia</li>
  <li>Coca Cola - A carbonated soft drink produced by The Coca-Cola Company.
The drink's name refers to two of its original ingredients, which were kola
nuts (a source of caffeine) and coca leaves</li>
</ul>
```

```html
<h2>list-style-position: inside:</h2>
<ul class="b">
  <li>Coffee - A brewed drink prepared from roasted coffee beans, which are
the seeds of berries from the Coffea plant</li>
  <li>Tea - An aromatic beverage commonly prepared by pouring hot or boiling
water over cured leaves of the Camellia sinensis, an evergreen shrub (bush)
native to Asia</li>
  <li>Coca Cola - A carbonated soft drink produced by The Coca-Cola Company.
The drink's name refers to two of its original ingredients, which were kola
nuts (a source of caffeine) and coca leaves</li>
</ul>


</body>
</html>
```

Output:

The list-style-position Property

list-style-position: outside (default):

- Coffee - A brewed drink prepared from roasted coffee beans, which are the seeds of berries from the Coffea plant
- Tea - An aromatic beverage commonly prepared by pouring hot or boiling water over cured leaves of the Camellia sinensis, an evergreen shrub (bush) native to Asia
- Coca Cola - A carbonated soft drink produced by The Coca-Cola Company. The drink's name refers to two of its original ingredients, which were kola nuts (a source of caffeine) and coca leaves

list-style-position: inside:

- Coffee - A brewed drink prepared from roasted coffee beans, which are the seeds of berries from the Coffea plant
- Tea - An aromatic beverage commonly prepared by pouring hot or boiling water over cured leaves of the Camellia sinensis, an evergreen shrub (bush) native to Asia
- Coca Cola - A carbonated soft drink produced by The Coca-Cola Company. The drink's name refers to two of its original ingredients, which were kola nuts (a source of caffeine) and coca leaves

❑ **Color:**

• The color property specifies the color of text (foreground color).

• We can specify the color values in various formats:

Format	Syntax	example
Hex code	#rrggbb	P{color:#ffff00;}
Short Hex Code	#rgb	P{color:#6b7;}
rgb%	rgb(rrr%,ggg%,bbb%)	P{color:rgb(50%,50%,50%);}
Rgb absolute	Rgb(rrr,ggg,bbb)	p{color:rgb(0,0,255);}
keyword	Aqua,red,black	P{color:orange;}

Ex: color property

body {color: red ;}

h1 {color: #00ff00 ;}

❑ **background-color:**

• The background-color property is used to set the background color.

Ex: background-color property

body {background-color: red ;}

h1 {background-color: rgb (0, 0,255) ;}

Color properties

Ex: color property

```html
<html>
<body>

<h3 style="color:Tomato;">Hello World</h3>

<p style="color:DodgerBlue;">Lorem ipsum dolor sit amet, consectetuer
adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore
magna aliquam erat volutpat.</p>

<p style="color:MediumSeaGreen;">Ut wisi enim ad minim veniam, quis nostrud
exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo
consequat.</p>

</body>
</html>
```

Output:

Hello World

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

Color properties

Ex: background-color property

```html
<html>
<body>

<h1 style="background-color:DodgerBlue;">Hello World</h1>

<p style="background-color:Tomato;">
Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh
euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.
Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit
lobortis nisl ut aliquip ex ea commodo consequat.
</p>

</body>
</html>
```

Output:

Hello World

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

Color properties

Ex: background-color property

```html
<html>
<head>
<style>
body {
   background-color: lightblue;
}
</style>
</head>
<body>

<h1>Hello World!</h1>

<p>This page has a light blue background color!</p>

</body>
</html>
```

Output:

Hello World!

This page has a light blue background color!

The end