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UNIVERSITY

CELEBRATING 50 YEARS

Web Design

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Web Design

Styling with Cascading Styles Sheets

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Web Design

CSS Web Fonts



font-family: "Times New Roman", Times, serif;

With CSS3, web designers are no longer forced to use only "web-safe" fonts.

- Web fonts allow **Web designers to use fonts** that are not installed on the user's computer.
- The font you wish to use, **just include the font file on your web server**, and it will be automatically downloaded to the user when needed.
- Your "own" fonts are defined within the CSS3 @font-face rule.

Example: @font-face

{

```
font-family:myFirstFont;  
src:url(open-sans.woff);
```

}



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CSS Web Fonts



- **TrueType Fonts (TTF):** TrueType is a font standard developed in the late 1980s, by Apple and Microsoft.
- **OpenType Fonts (OTF):** OpenType is a format for scalable computer fonts. It was built on TrueType, and is a registered trademark of Microsoft.
- **Web Open Font Format (WOFF):** Developed in 2009, and is now a W3C Recommendation. WOFF is essentially OpenType or TrueType with compression and additional metadata.



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Different Web Fonts



- The Web Open Font Format (WOFF 2.0): TrueType/OpenType font that provides better compression than WOFF 1.0.
- SVG Fonts/Shapes: The SVG 1.1 specification define a font module that allows the creation of fonts within an SVG document. You can also apply CSS to SVG documents, and the **@font-face rule** can be applied to text in SVG documents.
- Embedded OpenType Fonts (EOT): EOT fonts are a compact form of OpenType fonts designed by Microsoft for use as embedded fonts on web pages.

Result:

With CSS3, websites can finally use fonts other than the pre-selected "web-safe" fonts.



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Different Web Fonts

Font format and support

Font format	Chrome	Edge	Firefox	IE	Opera
TTF/OTF	4.0	9.0*	3.5	3.1	10.0
WOFF	5.0	9.0	3.6	5.1	11.1
WOFF2	36.0	Not supported	35.0* ↗	Not supported	26.0
SVG	4.0	Not supported	Not supported	3.2	9.0
EOT	Not supported	6.0	Not supported	Not supported	Not supported

<https://www.fontspace.com/category/woff>

Download any font file



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Different Web Fonts

```
<!doctype html>
<html>
<head>

<style>
  @font-face
  {
    font-family: myFirstFont;
    src: url("ArianaVioleta-dz2K.ttf"); /* Path to the font file */
  }
  body
  {
    font-family: myFirstFont;
    font-size: 100px;
    background-color: #f8f8f8;
    margin: 50px;
  }
</style>
</head>
```

```
<body>
  <p>
    With CSS3, websites can finally use fonts other
    than the pre-selected "web-safe" fonts.
  </p>
</body>
</html>
```

With CSS3, websites can finally use fonts other than the pre-selected "web-safe" fonts.



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Different Web Fonts



With CSS3, websites can finally use fonts other than the pre-selected "web-safe" fonts.



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List Properties



List Properties:

In HTML, there are two main types of lists:

- unordered lists ()
- ordered lists ()

The CSS list properties allow you to:

- Set different list item markers for ordered lists
- Set different list item markers for unordered lists
- Set an image as the list item marker
- Add background colors to lists and list items



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List Properties



Different List Item Markers :

The **list-style-type** property specifies the type of list item marker.

Example:

```
ul { list-style-type: square}
```

```
<h3> Some Common Single-Engine Aircraft </h3>
```

```
<ul style = "list-style-type: circle">
```

```
  <li> Cessna Skyhawk </li>
```

```
  <li> Beechcraft Bonanza </li>
```

```
  <li> Piper Cherokee </li>
```

```
</ul>
```



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List Properties



On , list-style-type applies to just that item

```
<h3> Some Common Single-Engine Aircraft </h3>
```

```
<ul>
```

```
    <li style = "list-style-type: disc">  
        Cessna Skyhawk </li>  
    <li style = "list-style-type: square">  
        Beechcraft Bonanza </li>  
    <li style = "list-style-type: circle">  
        Piper Cherokee </li>
```

```
</ul>
```



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List Properties

Some Common Single-Engine Aircraft

- Cessna Skyhawk
- Beechcraft Bonanza
- Piper Cherokee

Some Common Single-Engine Aircraft

- Cessna Skyhawk
- Beechcraft Bonanza
- Piper Cherokee

Done My Computer



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List Properties



- Class specification

- `ol.disc {list-style-type: disc;}`

- `ol.square {list-style-type: square;}`

- `ol.circle {list-style-type: circle;}`

- Inserting Image list

- `List-style-image` property

- `ol.image {list-style-image: url(small_airplane.gif);}`



Example:

```
<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>
```



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List Properties



list-style-type property

Property Values	Sequence Type	First Four Values
decimal	Arabic numerals	1, 2, 3, 4
upper-alpha	Uppercase letters	A, B, C, D
lower-alpha	Lowercase letters	a, b, c, d
upper-roman	Uppercase Roman numerals	I, II, III, IV
lower-roman	Lowercase Roman numerals	i, ii, iii, iv



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List Properties



Aircraft Types

- I. General Aviation (piston-driven engines)
 - A. Single-Engine Aircraft
 - 1. Tail wheel
 - 2. Tricycle
 - B. Dual-Engine Aircraft
 - 1. Wing-mounted engines
 - 2. Push-pull fuselage-mounted engines
- II. Commercial Aviation (jet engines)
 - A. Dual-Engine
 - 1. Wing-mounted engines
 - 2. Fuselage-mounted engines
 - B. Tri-Engine
 - 1. Third engine in vertical stabilizer
 - 2. Third engine in fuselage



THANK YOU

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