



## Web Design

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# Web Design

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## Designing Websites

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## Web Design

### HTML Plug-ins



- **Plug-ins** in HTML is used to extend the functionality of web pages.
- It displays the content that couldn't be handled natively by browsers.

#### Examples of Plug-ins:

**Adobe Flash Player** → used for Flash animations and videos (now obsolete).

**Java Plug-in** → enabled running Java applets inside browsers.

**QuickTime Plug-in** → used for playing Apple's video formats.

**Adobe Acrobat Reader Plug-in** → used to display PDF files.

**Microsoft Silverlight** → for rich media and interactive applications.

modern browsers (like Chrome, Edge, Firefox) have moved away from external plug-ins, replacing them with **native support** (HTML5, CSS3, JavaScript).



## HTML Elements Used for Plugins

`<embed>`, `<object>`, and `<applet>` were used to include plugins in HTML.

- 1) `<embed>`: This tag was used to embed multimedia files or using HTML5 elements like `<audio>` and `<video>`.
  - 2) `<object>`: A versatile tag that can embed multimedia, applications, or documents into a webpage.
- audio, video, PDFs, Flash



## Web Design

### HTML Plug-ins

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#### Example 1:

```
<object data="example.swf" type="application/x-shockwave-flash">  
  <p>Your browser does not support Flash.</p>  
</object>
```

#### Example 2:

```
<embed src="movie.swf" width="400" height="300">
```



### Example

```
<!DOCTYPE html>  
<html>  
<body>  
  
<object data="audi.jpeg"></object>  
  
</body>  
</html>
```

### Example

```
<!DOCTYPE html>  
<html>  
<body>  
  
<embed src="audi.jpeg">  
  
</body>  
</html>
```



### Example

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<embed width="100%" height="500px" src="snippet.html">
```

```
</body>
```

```
</html>
```



- The easiest way to play videos in HTML, is to use YouTube.
- Different **versions of different browsers** support different video formats.
- Converting **videos to different format** can be difficult and **time consuming**.
- An easier solution might be to let **YouTube play the videos in your web page**.
- YouTube will display a **video id** (like **XGSy3\_Czz8k**), when you save (or play) a video.
  - **use this id, and refer to your video in HTML.**





- o play your video on a web page, do the following:
  - o Upload the video to YouTube
  - o Take a note of the **video id**
  - o Define an **<iframe>** element in your web page
  - o Let the **src** attribute point to the video URL
  - o Use the **width** and **height** attributes to specify the dimension of the player
  - o Add any other parameters to the URL



- **autoplay** : Value 0,1
- **control**: Value 0,1,2 (does not load initially)
- **loop**: Value 0,1
- **playlist** : comma separated list of videos (url)



#### Example:

```
<iframe width="420" height="345"  
src="https://www.youtube.com/embed/tgbNymZ7vqY">  
</iframe>
```

#### Example:

```
<body>  
<iframe width="420" height="345"  
src="https://www.youtube.com/embed/tgbNymZ7vqY?autoplay=1&mute=1">  
</iframe>  
</body>
```

autoplay + muted + infinite loop



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### YouTube Loop

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Add **loop=1** to let your video loop forever.

Value 0 (default): The video will play only once.

Value 1: The video will loop (forever).

#### Example:

```
<iframe width="420" height="315"  
src="https://www.youtube.com/embed/tgbNymZ7vqY?playlist=tgbNymZ7vqY&loop=1">  
</iframe>
```



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### YouTube Controls

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Add **controls=0** to not display controls in the video player.

Controls: shows play/pause/progress bar

Value 0: Player controls does not display.

Value 1 (default): Player controls display.

#### Example:

```
<iframe width="420" height="315"  
src="https://www.youtube.com/embed/tgbNymZ7vqY?controls=0">  
</iframe>
```



# THANK YOU

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