

CSS.

We cover these topic today. Practice with hand written code over min 3 times.

Note: Next 27 March HTM CSS online Test @ 11am.

CSS Image Gallery

https://www.w3schools.com/css/css_image_gallery.asp

Image Gallery

The following image gallery is created with CSS:

Example

```
<html>
<head>
<style>
div.gallery {
  margin: 5px;
  border: 1px solid #ccc;
  float: left;
  width: 180px;
}

div.gallery:hover {
  border: 1px solid #777;
}

div.gallery img {
  width: 100%;
  height: auto;
}

div.desc {
```

```
padding: 15px;
text-align: center;
}
</style>
</head>
<body>

<div class="gallery">
  <a target="_blank" href="img_5terre.jpg">
    
  </a>
  <div class="desc">Add a description of the image here</div>
</div>

<div class="gallery">
  <a target="_blank" href="img_forest.jpg">
    
  </a>
  <div class="desc">Add a description of the image here</div>
</div>

<div class="gallery">
  <a target="_blank" href="img_lights.jpg">
    
  </a>
  <div class="desc">Add a description of the image here</div>
</div>

<div class="gallery">
  <a target="_blank" href="img_mountains.jpg">
    
  </a>
  <div class="desc">Add a description of the image here</div>
</div>

</body>
</html>
```

CSS Image Sprites

https://www.w3schools.com/css/css_image_sprites.asp

An image sprite is a collection of images put into a single image.

A web page with many images can take a long time to load and generates multiple server requests.

Using image sprites will reduce the number of server requests and save bandwidth.

Image Sprites - Simple Example

Instead of using three separate images, we use this single image ("img_navsprites.gif"):



With CSS, we can show just the part of the image we need.

In the following example the CSS specifies which part of the "img_navsprites.gif" image to show:

Example

```
#home {  
  width: 46px;  
  height: 44px;  
  background: url(img_navsprites.gif) 0 0;  
}
```

CSS Attribute Selectors

https://www.w3schools.com/css/css_attribute_selectors.asp

Style HTML Elements With Specific Attributes

It is possible to style HTML elements that have specific attributes or attribute values.

CSS [attribute] Selector

The `[attribute]` selector is used to select elements with a specified attribute.

The following example selects all `<a>` elements with a target attribute:

Example

```
a[target] {  
  background-color: yellow;  
}
```