

Coding School



```
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet"
8     href="imageOpacity.css">
9   <title>Document</title>
10 </head>
11 <body>
12   <div class="demo-wrap">
13     
17     <div class="text">
18       <h1>Hello World!</h1>
19     </div>
20   </div>
```



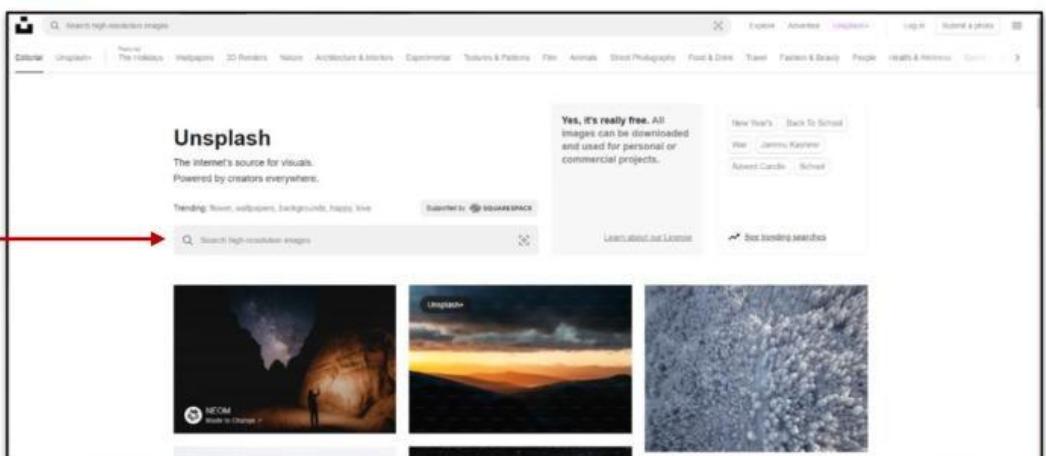
See the webpage



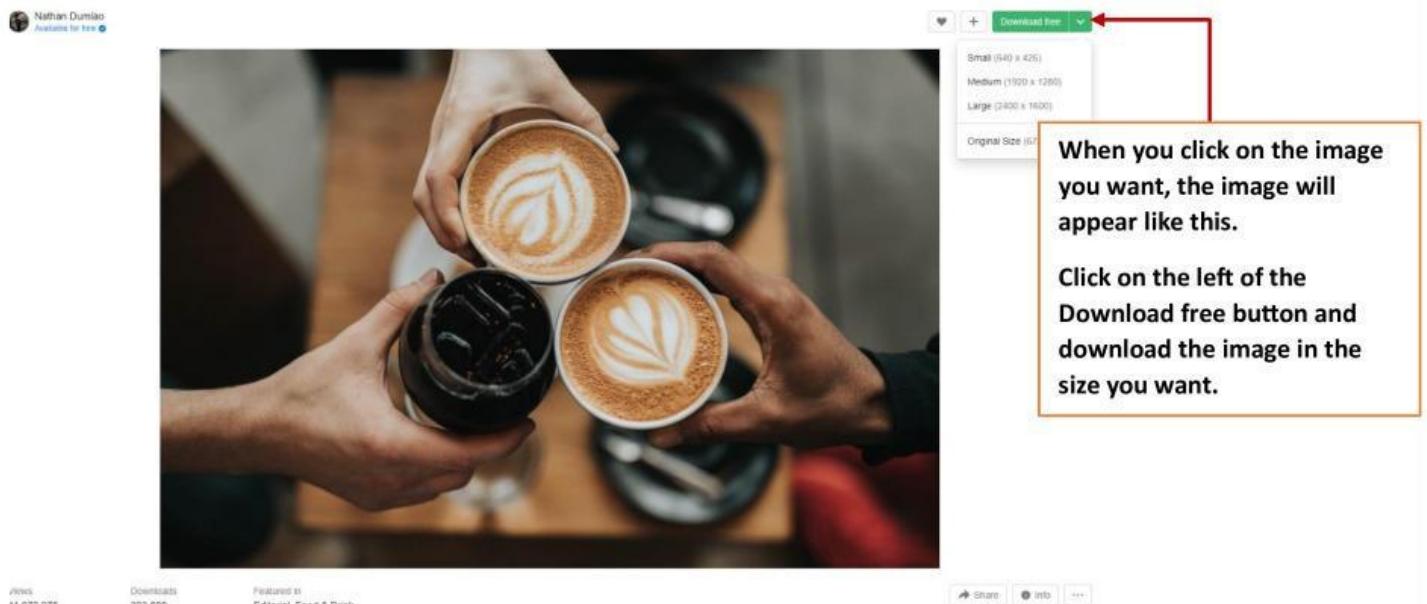
Start here

Let's see how to add images, videos and audio to the website

- ❖ First let's see how to add an image to the website.
- ❖ <https://unsplash.com/> You can easily download free images from this website.



- ❖ You can click on the desired image and download the image easily and free from this website.



- ❖ Upload the downloaded image to Assets and set the image to be displayed on the website.



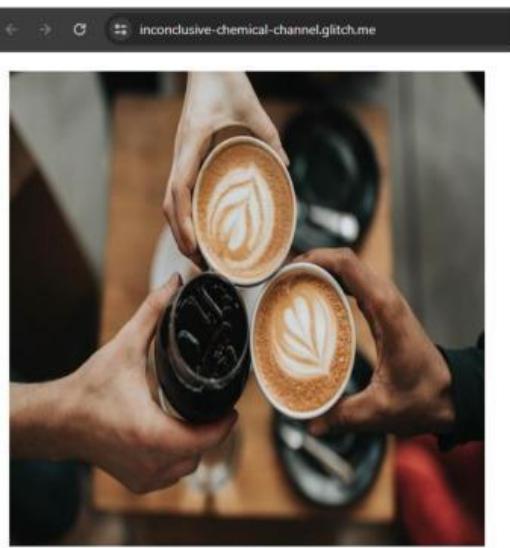
```

index.html PRETTIER
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <meta name="viewport" content="width=device-width, initial-scale=1" />
6 <style>
7   img{
8     width:200px;
9     height:200px;
10  }
11 </style>
12 </head>
13 <body>
14   
15 </body>
16 </html>

```

A width and a height have been given in the style for the image.

- ❖ Preview Now.



Here the shape of the image has changed. The shape of the coffee mug in the image has changed.

To fix it, add the object fit attribute to the css style as follows.

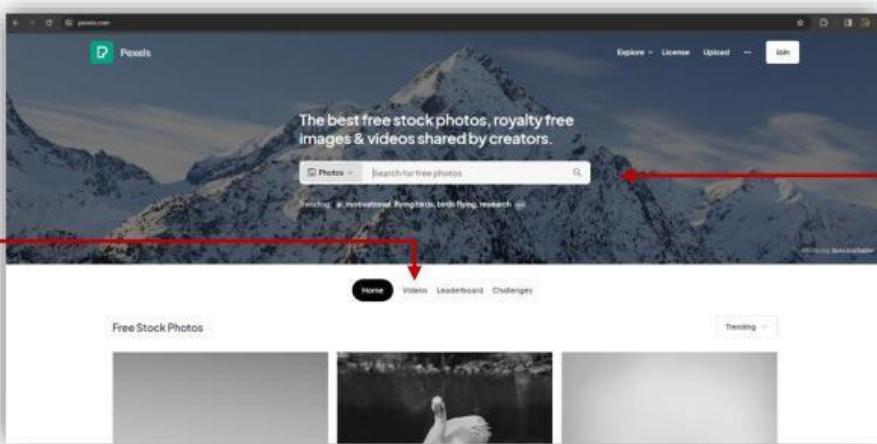
```

<style>
  img{
    width:200px;
    height:200px;
    object-fit: cover;
  }
</style>

```

Here we change the image to the given width and height and there is no change to the shape of the image.

- ❖ Preview now. There is no change in the shape of the image.
- ❖ Let's see how to add a video to the website.
- ❖ <https://www.pexels.com/> You can easily download free videos from this website.

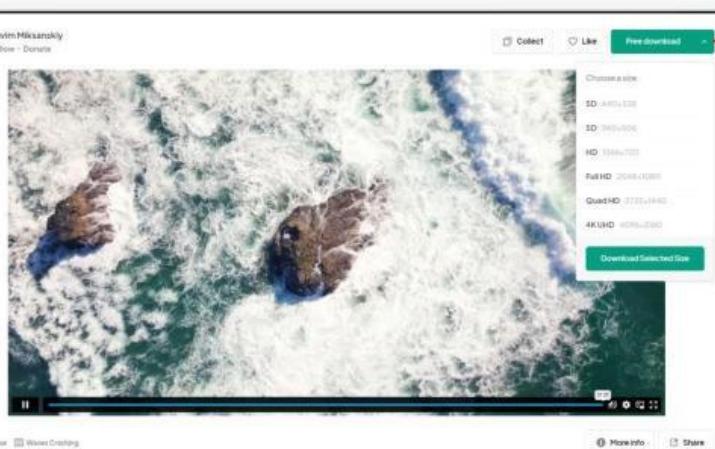


Click on Videos button

Search here to find the video you want.

The screenshot shows the Pexels homepage. A red box highlights the 'Videos' button in the navigation bar. A red arrow points from the 'Videos' button to the search bar. Another red box highlights the search bar with the placeholder 'Search for free photos'.

- ❖ You can click on the video you want and download the video easily and for free from this website..



When you click on the video you want, the video will appear like this.

Click on the left of the Free Download button and download the video in the size you want.

The screenshot shows a video thumbnail of waves crashing. A red arrow points from the 'Free download' button to a callout box. The callout box contains the text: 'When you click on the video you want, the video will appear like this.' and 'Click on the left of the Free Download button and download the video in the size you want.' Below the video thumbnail, a dropdown menu shows download options: SD (480x320), HD (1920x1080), Full HD (2560x1440), Quad HD (3840x2160), and 4K UHD (4096x2304). The 'Download Selected Size' button is at the bottom of the dropdown.

- ❖ Upload the downloaded video to Assets and set the video to be displayed on the website.

```
<body>
<h2>
  Image
</h2>

<h2>
  Video
</h2>
<video src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150"></video>
</body>
```

The html code for displaying a video is `<video src=""></video>`. The link to the video should be given inside the scr.

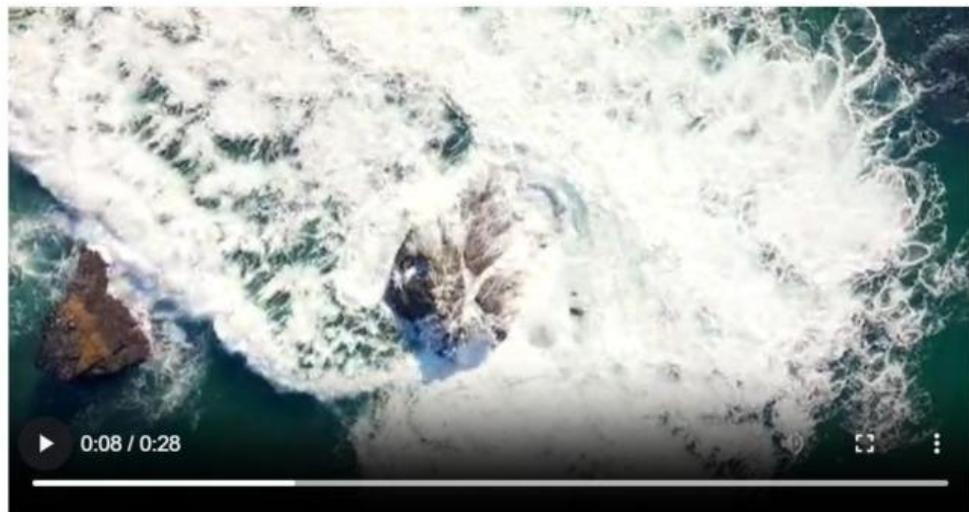
- ❖ Give it a preview. Then the video will not play and the video will be displayed as an image.
- ❖ The controls attribute is used to play the video. Code it as below.

```
<body>
<h2>
  Image
</h2>

<h2>
  Video
</h2>
<video controls="false" src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150"></video>
</body>
```

- ❖ Then, the video will be displayed as below with a play button.

Video



- ❖ And you can set the video to autoplay without clicking a button when the website opens.
- ❖ For that, the **controls** **autoplay** attribute is used.

```
<video controls autoplay src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150"></video>
```

- ❖ If you want to play the video again when the video is finished, use the **controls** **autoplay** **loop** attribute.

```
<video controls autoplay loop src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150"></video>
```

- ❖ Many web browsers support the video element and some web browsers do not support the video element. For that web browser, let's set the message that the video is not supported by your web browser to be displayed.

```
<video controls autoplay loop src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150">
  Your browser doesn't support videos.
</video>
```

- ❖ Let's give the style for the video element.
- ❖ Here we give a width for the video.



```
index.html PRETTIER

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="utf-8" />
5    <meta name="viewport" content="width=device-width, initial-scale=1" />
6    <style>
7      img{
8        width:200px;
9        height:200px;
10       object-fit: cover;
11     }
12     video{
13       width:400px;
14     }
15   </style>
16 </head>
17 <body>
18 <h2>
19   Image
20 </h2>
21 
22 <h2>
23   Video
24 </h2>
25 <video controls autoplay loop src="https://cdn.glitch.global/1e3f136c-1b44-4f78-b0b5-2c9ccf665c73/pexels_videos_1390942%20(360p).mp4?v=1702619601150">
26  Your browser doesn't support videos.
27 </video>
28 </body>
29 </html>
```

- ❖ Preview now.
- ❖ The element for adding audio to the website is as follows.

<audio src=""></ audio > is. The audio link should be given inside the scr.

- ❖ You can use **the controls** attribute for the audio element as well as the video element.
- ❖ In the same way, you can use the **controls autoplay** attribute and set the audio to play when the web page is opened.
- ❖ If you want to play the audio again when the audio is finished, use the **controls autoplay loop** attribute.