How TO - Slideshow

Learn how to create a responsive slideshow with CSS and JavaScript.

Slideshow / Carousel

A slideshow is used to cycle through elements:

1 / 4Caption Text

Create A Slideshow

Step 1) Add HTML:

Example

<!-- Slideshow container -->

<div class="slideshow-container">

<!-- Full-width images with number and caption text -->

<div class="mySlides fade">

<div class="numbertext">1 / 3</div>

<img src="img1.jpg" style="width:100%">

<div class="text">Caption Text</div>

</div>

<div class="mySlides fade">

<div class="numbertext">2 / 3</div>

<img src="img2.jpg" style="width:100%">

<div class="text">Caption Two</div>

</div>

<div class="mySlides fade">

<div class="numbertext">3 / 3</div>

<img src="img3.jpg" style="width:100%">

<div class="text">Caption Three</div>

</div>

<!-- Next and previous buttons -->

<a class="prev" onclick="plusSlides(-1)">&#10094;</a>

<a class="next" onclick="plusSlides(1)">&#10095;</a>

</div>

<br>

<!-- The dots/circles -->

<div style="text-align:center">

<span class="dot" onclick="currentSlide(1)"></span>

<span class="dot" onclick="currentSlide(2)"></span>

<span class="dot" onclick="currentSlide(3)"></span>

</div>

Step 2) Add CSS:

Style the next and previous buttons, the caption text and the dots:

Example

\* {box-sizing:border-box}

/\* Slideshow container \*/

.slideshow-container {

max-width: 1000px;

position: relative;

margin: auto;

}

/\* Hide the images by default \*/

.mySlides {

display: none;

}

/\* Next & previous buttons \*/

.prev, .next {

cursor: pointer;

position: absolute;

top: 50%;

width: auto;

margin-top: -22px;

padding: 16px;

color: white;

font-weight: bold;

font-size: 18px;

transition: 0.6s ease;

border-radius: 0 3px 3px 0;

user-select: none;

}

/\* Position the "next button" to the right \*/

.next {

right: 0;

border-radius: 3px 0 0 3px;

}

/\* On hover, add a black background color with a little bit see-through \*/

.prev:hover, .next:hover {

background-color: rgba(0,0,0,0.8);

}

/\* Caption text \*/

.text {

color: #f2f2f2;

font-size: 15px;

padding: 8px 12px;

position: absolute;

bottom: 8px;

width: 100%;

text-align: center;

}

/\* Number text (1/3 etc) \*/

.numbertext {

color: #f2f2f2;

font-size: 12px;

padding: 8px 12px;

position: absolute;

top: 0;

}

/\* The dots/bullets/indicators \*/

.dot {

cursor: pointer;

height: 15px;

width: 15px;

margin: 0 2px;

background-color: #bbb;

border-radius: 50%;

display: inline-block;

transition: background-color 0.6s ease;

}

.active, .dot:hover {

background-color: #717171;

}

/\* Fading animation \*/

.fade {

animation-name: fade;

animation-duration: 1.5s;

}

@keyframes fade {

from {opacity: .4}

to {opacity: 1}

}

Step 3) Add JavaScript:

Example

let slideIndex = 1;

showSlides(slideIndex);

// Next/previous controls

function plusSlides(n) {

showSlides(slideIndex += n);

}

// Thumbnail image controls

function currentSlide(n) {

showSlides(slideIndex = n);

}

function showSlides(n) {

let i;

let slides = document.getElementsByClassName("mySlides");

let dots = document.getElementsByClassName("dot");

if (n > slides.length) {slideIndex = 1}

if (n < 1) {slideIndex = slides.length}

for (i = 0; i < slides.length; i++) {

slides[i].style.display = "none";

}

for (i = 0; i < dots.length; i++) {

dots[i].className = dots[i].className.replace(" active", "");

}

slides[slideIndex-1].style.display = "block";

dots[slideIndex-1].className += " active";

}

Automatic Slideshow

To display an automatic slideshow, use the following code:

Example

let slideIndex = 0;

showSlides();

function showSlides() {

let i;

let slides = document.getElementsByClassName("mySlides");

for (i = 0; i < slides.length; i++) {

slides[i].style.display = "none";

}

slideIndex++;

if (slideIndex > slides.length) {slideIndex = 1}

slides[slideIndex-1].style.display = "block";

setTimeout(showSlides, 2000); // Change image every 2 seconds

}

Multiple Slideshows

Example

let slideIndex = [1,1];

/\* Class the members of each slideshow group with different CSS classes \*/

let slideId = ["mySlides1", "mySlides2"]

showSlides(1, 0);

showSlides(1, 1);

function plusSlides(n, no) {

showSlides(slideIndex[no] += n, no);

}

function showSlides(n, no) {

let i;

let x = document.getElementsByClassName(slideId[no]);

if (n > x.length) {slideIndex[no] = 1}

if (n < 1) {slideIndex[no] = x.length}

for (i = 0; i < x.length; i++) {

x[i].style.display = "none";

}

x[slideIndex[no]-1].style.display = "block";

}

Tip: Also check out How To - Slideshow Gallery and How To - Lightbox.

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