w3 schools

Tutorials ▾   Exercises ▾   Services ▾   🔍   ◑   Sign Up   **Log in**

☰ .   CSS   JAVASCRIPT   SQL   PYTHON   JAVA   PHP   HOW TO   W3.CSS   C

How TO - Slideshow

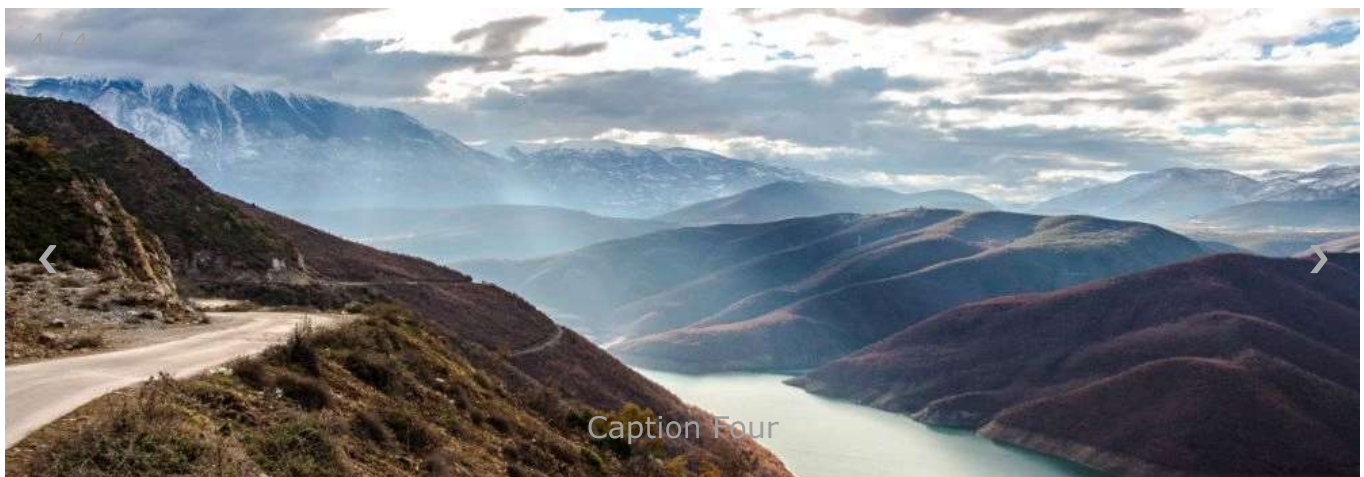[‹ Previous]   [Next ›]

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

Slideshow / Carousel

A slideshow is used to cycle through elements:

Caption Four

Try it Yourself »

Create A Slideshow

Example

```html
<!-- 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>
```

≡   .   CSS   JAVASCRIPT   SQL   PYTHON   JAVA   PHP   HOW TO   W3.CSS   C

Example

```css
* {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;
}
```

```css
/* 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 {
```

```
@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);
}
```

Tutorials ▾   Exercises ▾   Services ▾   🔍   ◑   Sign Up   **Log in**

☰   .   CSS   JAVASCRIPT   SQL   PYTHON   JAVA   PHP   HOW TO   W3.CSS   C

```
  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";
}
```

Try it Yourself »

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";
```

Try It Yourself »

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";
}
```

Try it Yourself »

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

W3schools

Tutorials ▾   Exercises ▾   Services ▾   🔍   ◑   Sign Up   **Log in**

☰   .   CSS   JAVASCRIPT   SQL   PYTHON   JAVA   PHP   HOW TO   W3.CSS   C

W3schools Pathfinder

Track your progress - it's free!   Sign Up   **Log in**

ADVERTISEMENT

Up to
53%
On all Career paths

Start Today!   W3schools

COLOR PICKER

▶ in 🎮 f ⊙

ADVERTISEMENT

Tutorials ▾   Exercises ▾   Services ▾   🔍   ◐   Sign Up   Log in

☰   .   CSS   JAVASCRIPT   SQL   PYTHON   JAVA   PHP   HOW TO   W3.CSS   C

SPACES   UPGRADE   AD-FREE

NEWSLETTER   GET CERTIFIED   CONTACT US

Top Tutorials

HTML Tutorial
CSS Tutorial
JavaScript Tutorial
How To Tutorial
SQL Tutorial
Python Tutorial
W3.CSS Tutorial
Bootstrap Tutorial
PHP Tutorial
Java Tutorial
C++ Tutorial
jQuery Tutorial

Top References

HTML Reference
CSS Reference
JavaScript Reference
SQL Reference
Python Reference
W3.CSS Reference
Bootstrap Reference
PHP Reference
HTML Colors
Java Reference
Angular Reference
jQuery Reference

Top Examples

HTML Examples
CSS Examples
JavaScript Examples
How To Examples
SQL Examples
Python Examples
W3.CSS Examples
Bootstrap Examples

Get Certified

HTML Certificate
CSS Certificate
JavaScript Certificate
Front End Certificate
SQL Certificate
Python Certificate
PHP Certificate
jQuery Certificate

FORUM   ABOUT   CLASSROOM

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning.
Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness
of all content. While using W3Schools, you agree to have read and accepted our terms of use, cookie and privacy policy.

Copyright 1999-2024 by Refsnes Data. All Rights Reserved. W3Schools is Powered by W3.CSS.