




Swiper

Most Modern Mobile Touch Slider

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Getting Started With Swiper

1a. Download and install Swiper

First of all we need to download required Swiper files:

- We can download them from [Swiper GitHub repository](#)
- Or we can install them via NPM, enter in terminal:

```
$ npm install swiper
```

1b. Use Swiper from CDN

If you don't want to include Swiper files in your project, you may use it from CDN. The following files are available:

```
<link rel="stylesheet" href="https://unpkg.com/swiper/css/swiper.css">
<link rel="stylesheet" href="https://unpkg.com/swiper/css/swiper.min.css">

<script src="https://unpkg.com/swiper/js/swiper.js"></script>
<script src="https://unpkg.com/swiper/js/swiper.min.js"></script>
```

2. Include Swiper Files To Website/App

After that we need to include Swiper's CSS and JS files to our website/app. In your html file:

```
<!DOCTYPE html>
<html lang="en">
<head>
  ...
  <link rel="stylesheet" href="path/to/swiper.min.css">
</head>
<body>
  ...
  <script src="path/to/swiper.min.js"></script>
</body>
</html>
```

3. Add Swiper HTML Layout

Now, we need to add basic Swiper layout to our app:

```

<!-- Slider main container -->
<div class="swiper-container">
  <!-- Additional required wrapper -->
  <div class="swiper-wrapper">
    <!-- Slides -->
    <div class="swiper-slide">Slide 1</div>
    <div class="swiper-slide">Slide 2</div>
    <div class="swiper-slide">Slide 3</div>
    ...
  </div>
  <!-- If we need pagination -->
  <div class="swiper-pagination"></div>

  <!-- If we need navigation buttons -->
  <div class="swiper-button-prev"></div>
  <div class="swiper-button-next"></div>

  <!-- If we need scrollbar -->
  <div class="swiper-scrollbar"></div>
</div>

```

4. Swiper CSS Styles/Size

After that, we may need to set Swiper size in your CSS file:

```

.swiper-container {
  width: 600px;
  height: 300px;
}

```

5. Initialize Swiper

Finally, we need to initialize Swiper in JS. There are few options/places to do that:

- The best option will be in inline script or in script file that is included in the very end of body (right before closing `</body>` tag):

```

<body>
  ...
  <script>
    var mySwiper = new Swiper ('.swiper-container', {
      // Optional parameters
      direction: 'vertical',
      loop: true,

      // If we need pagination
      pagination: {
        el: '.swiper-pagination',
      },

      // Navigation arrows
      navigation: {
        nextEl: '.swiper-button-next',
        prevEl: '.swiper-button-prev',
      },

      // And if we need scrollbar
      scrollbar: {
        el: '.swiper-scrollbar',
      },
    })
  </script>

```

```
</script>
</body>
```

- If you use jQuery/Zepto in your site, then you can initialize it in any of your JS files, but make sure that you do it within `document.ready` event:

```
$(document).ready(function () {
  //initialize swiper when document ready
  var mySwiper = new Swiper ('.swiper-container', {
    // Optional parameters
    direction: 'vertical',
    loop: true
  })
});
```

- Otherwise (but not recommended), you can initialize it within window.onload event:

```
window.onload = function () {
  //initialize swiper when document ready
  var mySwiper = new Swiper ('.swiper-container', {
    // Optional parameters
    direction: 'vertical',
    loop: true
  })
};
```

As a CommonJs module

Swiper is fully compatible with CommonJs modules and can be used in Node.js-like environment:

```
var Swiper = require('swiper');

var mySwiper = new Swiper('.swiper-container', { /* ... */ });
```

As an ES module

Swiper package comes with ES module version which can be used where supported or with bundlers like Webpack or Rollup:

```
import Swiper from 'swiper';

var mySwiper = new Swiper('.swiper-container', { /* ... */ });
```

In case you use it as an ES module make sure:

- you have enabled [Babel](#) or [Buble](#) to transpile it to ES5 syntax,
- you have enabled node modules resolving and babel transpiling for Swiper as it uses [Dom7](#) and [ssr-window](#) packages as dependencies.

As browser ES module

There is also browser-compatible ES module if you target modern browsers and use ES modules directly:

```
<script type="module">
  import Swiper from 'https://unpkg.com/swiper/js/swiper.esm.browser.bundle.min.js';

  const swiper = new Swiper(/* ... */)
</script>
```

What next?

As you see it is really easy to integrate Swiper into your website or app. So here are your next steps:

- Go to [API Documentation](#) to learn more about all Swiper API and how to control it.
- Look at available [Demos](#).
- If you have questions about Swiper ask them in [StackOverflow](#) and don't forget to tag your question with `swiper` tag.
- Create issue on [GitHub](#) if you found a bug.

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