

HOW TO

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How TO - Responsive Iframe

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Learn how to create responsive iframes with CSS.

Responsive Iframes

Create an iframe that will keep the aspect ratio (4:3, 16:9, etc.) when resized:



What is aspect ratio?

The aspect ratio of an element describes the proportional relationship between its width and its height. Two common video aspect ratios are 4:3 (the universal video format of the 20th century), and 16:9 (universal for HD television and European digital television, and for YouTube videos).

How To - Responsive Iframes

Step 1) Add HTML:

Use a container element, like `<div>`, and add the iframe inside of it:

Example

```
<div class="container">
  <iframe class="responsive-iframe" src="https://www.youtube.com/embed/tgbNymZ7vqY"></iframe>
</div>
```

Step 2) Add CSS:

Add a percentage value for `padding-top` to maintain the aspect ratio of the container DIV. The following example will create an aspect ratio of 16:9, which is the default aspect ratio of YouTube videos.

Example 16:9 Aspect Ratio

```
.container {
```

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CODE GAME

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Fullscreen Search

Input Field in Navbar

Login Form in Navbar

Custom Checkbox/Radio

Custom Select

Toggle Switch

Check Checkbox

Detect Caps Lock

Trigger Button on Enter

Password Validation

Toggle Password Visibility

```
position: relative;
overflow: hidden;
width: 100%;
padding-top: 56.25%; /* 16:9 Aspect Ratio (divide 9 by 16 = 0.5625) */
}

/* Then style the iframe to fit in the container div with full height and width */
.responsive-iframe {
position: absolute;
top: 0;
left: 0;
bottom: 0;
right: 0;
width: 100%;
height: 100%;
}
```

Try it Yourself »

Other aspect ratios:

Example 4:3 Aspect Ratio

```
.container {
padding-top: 75%; /* 4:3 Aspect Ratio */
}
```

Try it Yourself »

Example 3:2 Aspect Ratio

```
.container {
padding-top: 66.66%; /* 3:2 Aspect Ratio */
}
```

Try it Yourself »

Example 8:5 Aspect Ratio

```
.container {
padding-top: 62.5%; /* 8:5 Aspect Ratio */
}
```

Try it Yourself »

Example 1:1 Aspect Ratio (Height and Width is Always Equal)

```
.container {
padding-top: 100%; /* 1:1 Aspect Ratio */
}
```

Try it Yourself »

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Play Game

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Autocomplete
Turn off autocomplete
Turn off spellcheck
File Upload Button
Empty Input Validation

Filters

Filter List
Filter Table
Filter Elements
Filter Dropdown
Sort List
Sort Table

Tables

Zebra Striped Table
Center Tables
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Side-by-side Tables

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