

HTML5 Guide

Picture and Source Elements

Element	Code	Notes
Picture	<code><picture><picture></code>	<p>Provides more flexibility in specifying image resources for response designs. Instead for attempting to resize a single image for different viewport widths, multiple images can be sourced to better integrate into each viewport design.</p> <p>Child elements are the source and image elements. Image element is required as the last child since it functions as the backup/default image if none the source elements' media queries apply.</p>
Source	<code><source></code>	<p>One purpose is to specify multiple image sources for the picture element.</p> <p>Since it is an empty element it doesn't have a closing tag.</p> <p>This element is a child of the <code><picture></code> element.</p>
srcset attribute	<code><source srcset="file.jpg"></code>	<p>This attribute is required. Its value is the URL to the sourced image.</p>
media attribute	<code><source media="(media query goes here)"></code>	<p>Accepts any valid CSS media query. CSS properties that are commonly used in media queries are:</p> <ul style="list-style-type: none">widthmin-widthmax-widthheightmin-heightmax-height

Example

```
<picture>
  <source srcset="photo-smartphone.jpg" media="(max-width: 480px)">
  <source srcset="photo-tablet.jpg" media="(max-width: 768px)">
  
</picture>
```