

Html-5

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HTML-5

```
<!DOCTYPE html>
<html>

<head>
  <title>Styling the article element</title>
  <script>document.createElement("myHero")</script>
  <style>
    myHero {
      display:block;
      background-color:#ddd;
      padding: 50px;
      font-size: 30px;
    }
  </style>
</head>

<body>

<h1>My First Heading</h1>

<p>My first paragraph.</p>

<myHero>My First Hero</myHero>

</body>
</html>
```

My First Heading

My first paragraph.

My First Hero

HTML-5 Örnek

```
• <!DOCTYPE html>
• <html lang="en">
• <head>
• <title>HTML5</title>
• <meta charset="utf-8">

• <!--[if lt IE 9]>
• <script src="http://html5shiv.googlecode.com/svn/trunk/html5.js">
• </script>
• <![endif]-->

• <style>
• body {font-family: Verdana, sans-serif; font-size:0.8em;}
• header, nav, section, article, footer
• {border:1px solid grey; margin:5px; padding:8px;}
• nav ul {margin:0; padding:0;}
• nav ul li {display:inline; margin:5px;}
• </style>
• </head>

• <body>

• <header>
• <h1>HTML5 Skeleton</h1>
• </header>
```

```
• <nav>
• <ul>
• <li><a href="html5_semantic_elements.asp">HTML5 Semantic</a></li>
• <li><a href="html5_geolocation.asp">HTML5 Geolocation</a></li>
• <li><a href="html5_canvas.asp">HTML5 Graphics</a></li>
• </ul>
• </nav>

• <section>

• <h2>Famous Cities</h2>

• <article>
• <h2>London</h2>
• <p>London is the capital city of England. It is the most populous city in the United Kingdom,
• with a metropolitan area of over 13 million inhabitants.</p>
• </article>

• <article>
• <h2>Paris</h2>
• <p>Paris is the capital and most populous city of France.</p>
• </article>

• <article>
• <h2>Tokyo</h2>
• <p>Tokyo is the capital of Japan, the center of the Greater Tokyo Area,
• and the most populous metropolitan area in the world.</p>
• </article>

• </section>

• <footer>
• <p>&copy; 2014 W3Schools. All rights reserved.</p>
• </footer>

• </body>
• </html>
```

HTML-5 Çözüm

HTML5 Skeleton

[HTML5 Semantic](#) [HTML5 Geolocation](#) [HTML5 Graphics](#)

Famous Cities

London

London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.

Paris

Paris is the capital and most populous city of France.

Tokyo

Tokyo is the capital of Japan, the center of the Greater Tokyo Area, and the most populous metropolitan area in the world.

HTML-5 Örnek

```
<!DOCTYPE html>
<html>
<body>

<nav>
<a href="/html/">HTML</a> |
<a href="/css/">CSS</a> |
<a href="/js/">JavaScript</a> |
<a href="/jquery/">jQuery</a>
</nav>

</body>
</html>
```

[HTML](#) | [CSS](#) | [JavaScript](#) | [jQuery](#)

HTML-5 Örnek

```
• <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/
• html4/loose.dtd">
• <html lang="en">
• <head>
• <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
• <title>HTML4</title>

• <style>
• body {
•     font-family: Verdana, sans-serif; font-size: 0.8em;
• }
• div#header, div#footer, div#content, div#post {
•     border: 1px solid grey;
•     margin: 5px; margin-bottom: 15px; padding: 8px;
•     background-color: white;
• }
• div#header, div#footer {
•     color: white; background-color: #444; margin-bottom: 5px;
• }
• div#content {
•     background-color: #ddd;
• }
• div#menu ul {
•     margin: 0; padding: 0;
• }
• div#menu ul li {
•     display: inline; margin: 5px;
• }
• </style>
• </head>
• <body>

• <div id="header">
• <h1>Monday Times</h1>
• </div>
```

```
• <div id="menu">
• <ul>
• <li>News</li>
• <li>Sports</li>
• <li>Weather</li>
• </ul>
• </div>

• <div id="content">
• <h2>News Section</h2>

• <div id="post">
• <h2>News Article</h2>
• <p>Ipsum lorem ipsum turum ipsum lorem ipsum turum ipsum lorem ipsum
• lorem ipsum turum.</p>
• <p>Ipsum lorem ipsum turum ipsum lorem ipsum turum ipsum lorem ipsum
• lorem ipsum turum.</p>
• <p>Ipsum lorem ipsum turum ipsum lorem ipsum turum ipsum lorem ipsum
• lorem ipsum turum.</p>
• </div>

• <div id="post">
• <h2>News Article</h2>
• <p>Ipsum lorem ipsum turum ipsum lorem ipsum turum ipsum lorem ipsum
• lorem ipsum turum.</p>
• <p>Ipsum lorem ipsum turum ipsum lorem ipsum turum ipsum lorem ipsum
• lorem ipsum turum.</p>
• </div>

• <div id="footer">
• <p>&copy; 2014 Monday Times. All rights reserved.</p>
• </div>

• </body>
• </html>
```

HTML-5 Çözüm

Monday Times

[News](#) [Sports](#) [Weather](#)

News Section

News Article

Ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum.

Ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum.

Ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum.

News Article

Ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum.

Ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum ipsum lurum hurum turum.

HTML Canvas

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<canvas id="myCanvas" width="200" height="100" style="border:1px solid #c3c3c3;">`
- Your browser does not support the HTML5 canvas tag.
- `</canvas>`

- `<script>`
- `var c = document.
getElementById("myCanvas");`
- `var ctx = c.getContext("2d");`
- `ctx.fillStyle = "#FF0000";`
- `ctx.fillRect(0,0,150,75);`
- `</script>`

- `</body>`
- `</html>`

HTML5 SVG

- SVG açılımı Ölçeklenebilir Vektör Grafikleri
- SVG Web için grafik tanımlamak için kullanılır
- SVG W₃C tarafından önerilmiştir.

HTML SVG

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<svg width="100" height="100">`
- `<circle cx="50" cy="50" r="40"`
- `stroke="green" stroke-width="4" fill="yellow" />`
- Sorry, your browser does not support inline SVG.
- `</svg>`
-
- `</body>`
- `</html>`

HTML SVG

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<svg width="400" height="100">`
- `<rect width="400" height="100"`
- `style="fill:rgb(0,0,255);stroke-width:10;stroke:rgb(0,0,0)" />`
- Sorry, your browser does not support inline SVG.
- `</svg>`
-
- `</body>`
- `</html>`

HTML SVG

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<svg width="400" height="180">`
- `<rect x="50" y="20" rx="20" ry="20" width="150" height="150"`
- `style="fill:red;stroke:black;stroke-width:5;opacity:0.5" />`
- Sorry, your browser does not support inline SVG.
- `</svg>`

- `</body>`
- `</html>`

HTML SVG

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<svg width="300" height="200">`
- `<polyon points="100,10 40,198 190,78 10,78 160,198"`
- `style="fill:lime;stroke:purple;stroke-width:5;fill-rule:evenodd;"`
- `/>`
- Sorry, your browser does not support inline SVG.
- `</svg>`
-
- `</body>`
- `</html>`

HTML SVG

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<svg height="130" width="500">`
- `<defs>`
- `<linearGradient id="grad1" x1="0%" y1="0%" x2="100%" y2="0%">`
- `<stop offset="0%"`
- `style="stop-color:rgb(255,255,0);stop-opacity:1" />`
- `<stop offset="100%"`
- `style="stop-color:rgb(255,0,0);stop-opacity:1" />`
- `</linearGradient>`
- `</defs>`
- `<ellipse cx="100" cy="70" rx="85" ry="55" fill="url(#grad1)" />`
- `<text fill="#ffffff" font-size="45" font-family="Verdana"`
- `x="50" y="86">GS</text>`
- Sorry, your browser does not support inline SVG.
- `</svg>`

- `</body>`
- `</html>`

HTML Video

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<video width="400" controls>`
- `<source src="mov_bbb.mp4" type="video/mp4">`
- `<source src="mov_bbb.ogv" type="video/ogg">`
- Your browser does not support HTML5 video.
- `</video>`

- `<p>`
- Video courtesy of
- `Big Buck Bunny.`
- `</p>`

- `</body>`
- `</html>`

HTML Video

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<video width="320" height="240" controls>`
- `<source src="movie.mp4" type="video/mp4">`
- `<source src="movie.ogg" type="video/ogg">`
- Your browser does not support the video tag.
- `</video>`

- `</body>`
- `</html>`

HTML Video

```
• <!DOCTYPE html>
• <html>
• <body>

• <div style="text-align:center">
• <button onclick="playPause()">Play/Pause</button>
• <button onclick="makeBig()">Big</button>
• <button onclick="makeSmall()">Small</button>
• <button onclick="makeNormal()">Normal</button>
• <br>
• <video id="video1" width="420">
• <source src="mov_bbb.mp4" type="video/mp4">
• <source src="mov_bbb.ogg" type="video/ogg">
• Your browser does not support HTML5 video.
• </video>
• </div>

• <script>
• var myVideo = document.getElementById("video1");

• function playPause() {
•     if(myVideo.paused)
•         myVideo.play();
•     else
•         myVideo.pause();
• }

• function makeBig() {
•     myVideo.width = 560;
• }

• function makeSmall() {
•     myVideo.width = 320;
• }

• function makeNormal() {
•     myVideo.width = 420;
• }
• </script>

• <p>Video courtesy of <a href="http://www.bigbuckbunny.org/" target="_blank">Big Buck Bunny</a>.</p>
• </body>
• </html>
```

HTML Audio

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<audio controls>`
- `<source src="horse.ogg" type="audio/ogg">`
- `<source src="horse.mp3" type="audio/mpeg">`
- Your browser does not support the audio element.
- `</audio>`

- `</body>`
- `</html>`

HTML Flash

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<object width="400" height="50" data="bookmark.swf"></object>`
-
- `</body>`
- `</html>`

HTML içinde HTML

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<object width="100%" height="500px" data="snippet.html"></object>`
-
- `</body>`
- `</html>`

HTML Youtube

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<iframe width="420" height="345"`
- `src="http://www.youtube.com/embed/XGSy3_Czz8k">`
- `</iframe>`
- `</body>`
- `</html>`

HTML Youtube

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<object width="420" height="315"`
- `data="http://www.youtube.com/v/XGSy3_Czz8k">`
- `</object>`
- `</body>`
- `</html>`

HTML5 Konum Bilgisi

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<p>Click the button to get your coordinates.</p>`
- `<button onclick="getLocation()">Try It</button>`
- `<p id="demo"></p>`
- `<script>`
- `var x = document.getElementById("demo");`
- `function getLocation() {`
- `if (navigator.geolocation) {`
- `navigator.geolocation.getCurrentPosition(showPosition);`
- `} else {`
- `x.innerHTML = "Geolocation is not supported by this browser.";`
- `}`
- `}`
- `function showPosition(position) {`
- `x.innerHTML = "Latitude: " + position.coords.latitude +`
- `"
Longitude: " + position.coords.longitude;`
- `}`
- `</script>`
- `</body>`
- `</html>`

HTML Konum

```
• <!DOCTYPE html>
• <html>
• <body>

• <p>Click the button to get your coordinates.</p>

• <button onclick="getLocation()">Try It</button>

• <p id="demo"></p>

• <script>
• var x = document.getElementById("demo");

• function getLocation() {
•     if (navigator.geolocation) {
•         navigator.geolocation.getCurrentPosition(showPosition, showError);
•     } else {
•         x.innerHTML = "Geolocation is not supported by this browser.";
•     }
• }

• function showPosition(position) {
•     x.innerHTML = "Latitude: " + position.coords.latitude +
•     "<br>Longitude: " + position.coords.longitude;
• }

• function showError(error) {
•     switch(error.code) {
•         case error.PERMISSION_DENIED:
•             x.innerHTML = "User denied the request for Geolocation."
•             break;
•         case error.POSITION_UNAVAILABLE:
•             x.innerHTML = "Location information is unavailable."
•             break;
•         case error.TIMEOUT:
•             x.innerHTML = "The request to get user location timed out."
•             break;
•         case error.UNKNOWN_ERROR:
•             x.innerHTML = "An unknown error occurred."
•             break;
•     }
• }
• </script>

• </body>
• </html>
```


Google Maps HTML5

```
• <!DOCTYPE html>
• <html>
• <body>

• <p id="demo">Click the button to get your position.</p>

• <button onclick="getLocation()">Try It</button>

• <div id="mapholder"></div>

• <script>
• var x = document.getElementById("demo");

• function getLocation() {
•     if (navigator.geolocation) {
•         navigator.geolocation.getCurrentPosition(showPosition, showError);
•     } else {
•         x.innerHTML = "Geolocation is not supported by this browser.";
•     }
• }

• function showPosition(position) {
•     var latlon = position.coords.latitude + ", " + position.coords.longitude;

•     var img_url = "http://maps.googleapis.com/maps/api/staticmap?center="
•     + latlon + "&zoom=14&size=400x300&sensor=false";
•     document.getElementById("mapholder").innerHTML = "<img src='" + img_url + "'>";
• }

• function showError(error) {
•     switch(error.code) {
•         case error.PERMISSION_DENIED:
•             x.innerHTML = "User denied the request for Geolocation."
•             break;
•         case error.POSITION_UNAVAILABLE:
•             x.innerHTML = "Location information is unavailable."
•             break;
•         case error.TIMEOUT:
•             x.innerHTML = "The request to get user location timed out."
•             break;
•         case error.UNKNOWN_ERROR:
•             x.innerHTML = "An unknown error occurred."
•             break;
•     }
• }
• </script>

• </body>
• </html>
```

HTML Drag Drop

- `<!DOCTYPE HTML>`
- `<html>`
- `<head>`
- `<style>`
- `#div1 {width:350px;height:70px;padding:10px;border:1px solid #aaaaaa;}`
- `</style>`
- `<script>`
- `function allowDrop(ev) {`
- `ev.preventDefault();`
- `}`
- `function drag(ev) {`
- `ev.dataTransfer.setData("text", ev.target.id);`
- `}`
- `function drop(ev) {`
- `ev.preventDefault();`
- `var data = ev.dataTransfer.getData("text");`
- `ev.target.appendChild(document.getElementById(data));`
- `}`
- `</script>`
- `</head>`
- `<body>`
- `<p>Drag the W3Schools image into the rectangle:</p>`
- `<div id="div1" ondrop="drop(event)" ondragover="allowDrop(event)"></div>`
- `
`
- ``
- `</body>`
- `</html>`

HTML JS

- <!DOCTYPE html>
- <html>
- <head>
- <script>
- function clickCounter() {
- if(typeof(Storage) !== "undefined") {
- if (localStorage.clickcount) {
- localStorage.clickcount = Number(localStorage.clickcount)+1;
- } else {
- localStorage.clickcount = 1;
- }
- document.getElementById("result").innerHTML = "You have clicked the button " + localStorage.clickcount + " time(s).";
- } else {
- document.getElementById("result").innerHTML = "Sorry, your browser does not support web storage...";
- }
- }
- </script>
- </head>
- <body>
- <p><button onclick="clickCounter()" type="button">Click me!</button></p>
- <div id="result"></div>
- <p>Click the button to see the counter increase.</p>
- <p>Close the browser tab (or window), and try again, and the counter will continue to count (is not reset).</p>
- </body>
- </html>

HTML JS

- `<!DOCTYPE html>`
- `<html>`
- `<body>`
- `<p>Count numbers: <output id="result"></output></p>`
- `<button onclick="startWorker()">Start Worker</button>`
- `<button onclick="stopWorker()">Stop Worker</button>`
- `<p>Note: Internet Explorer 9 and earlier versions do not support Web Workers.</p>`
- `<script>`
- `var w;`
- `function startWorker() {`
- `if(typeof(Worker) !== "undefined") {`
- `if(typeof(w) == "undefined") {`
- `w = new Worker("demo_workers.js");`
- `}`
- `w.onmessage = function(event) {`
- `document.getElementById("result").innerHTML = event.data;`
- `};`
- `} else {`
- `document.getElementById("result").innerHTML = "Sorry, your browser does not support Web Workers...";`
- `}`
- `}`
- `function stopWorker() {`
- `w.terminate();`
- `w = undefined;`
- `}`
- `</script>`
- `</body>`
- `</html>`

Html Server

- `<!DOCTYPE html>`
- `<html>`
- `<body>`

- `<h1>Getting server updates</h1>`
- `<div id="result"></div>`

- `<script>`
- `if(typeof(EventSource) !== "undefined") {`
- `var source = new EventSource("demo_sse.php");`
- `source.onmessage = function(event) {`
- `document.getElementById("result").innerHTML += event.data + "
";`
- `};`
- `} else {`
- `document.getElementById("result").innerHTML = "Sorry, your browser does not support server-sent events...";`
- `}`
- `</script>`

- `</body>`
- `</html>`