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Learn how to create tabs with CSS and JavaScript.

## Tabs

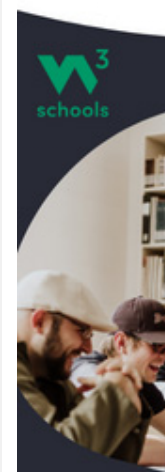
Tabs are perfect for single page web applications, or for web pages capable of displaying different subjects:

London	Paris	Tokyo
<p>London</p> <p>London is the capital city of England.</p>		

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Fullscreen Navigation

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Hover Sidenav Buttons

Sidebar with Icons

# Create Toggleable Tabs

Step 1) Add HTML:

## Example

```
<!-- Tab links -->
<div class="tab">
  <button class="tablinks"
onclick="openCity(event,
'London')">London</button>
  <button class="tablinks"
onclick="openCity(event,
'Paris')">Paris</button>
  <button class="tablinks"
onclick="openCity(event,
'Tokyo')">Tokyo</button>
</div>

<!-- Tab content -->
<div id="London" class="tabcontent">
  <h3>London</h3>
  <p>London is the capital city of
England.</p>
</div>

<div id="Paris" class="tabcontent">
  <h3>Paris</h3>
  <p>Paris is the capital of France.</p>
</div>

<div id="Tokyo" class="tabcontent">
  <h3>Tokyo</h3>
  <p>Tokyo is the capital of Japan.</p>
</div>
```

Create buttons to open specific tab content. All `<div>` elements with `class="tabcontent"` are hidden by default (with CSS & JS). When the user

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clicks on a button - it will open the tab content that "matches" this button.

## Step 2) Add CSS:

Style the buttons and the tab content:

### Example

```
/* Style the tab */
.tab {
  overflow: hidden;
  border: 1px solid #ccc;
  background-color: #f1f1f1;
}

/* Style the buttons that are used to
open the tab content */
.tab button {
  background-color: inherit;
  float: left;
  border: none;
  outline: none;
  cursor: pointer;
  padding: 14px 16px;
  transition: 0.3s;
}

/* Change background color of buttons on
hover */
.tab button:hover {
  background-color: #ddd;
}

/* Create an active/current tablink
class */
.tab button.active {
  background-color: #ccc;
}

/* Style the tab content */
```



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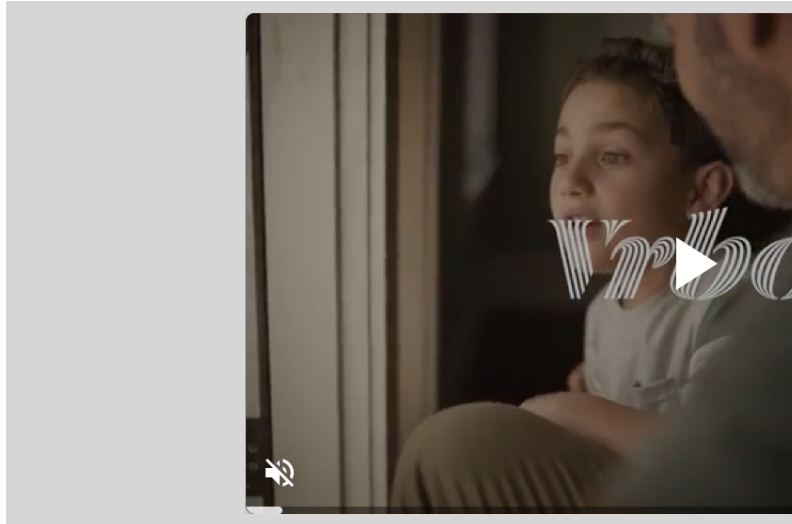
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```
.tabcontent {  
  display: none;  
  padding: 6px 12px;  
  border: 1px solid #ccc;  
  border-top: none;  
}
```

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Step 3) Add JavaScript:

## Example

```
function openCity(evt, cityName) {  
  // Declare all variables  
  var i, tabcontent, tablinks;  
  
  // Get all elements with  
  class="tabcontent" and hide them  
  tabcontent =  
  document.getElementsByClassName("tabcont  
ent");  
  for (i = 0; i < tabcontent.length;  
i++) {  
    tabcontent[i].style.display =
```

```

"none";
}

// Get all elements with
class="tablinks" and remove the class
"active"
tablinks =
document.getElementsByClassName("tablink
s");
for (i = 0; i < tablinks.length; i++)
{
    tablinks[i].className =
tablinks[i].className.replace(" active",
"");
}

// Show the current tab, and add an
"active" class to the button that opened
the tab
document.getElementById(cityName).styl
e.display = "block";
evt.currentTarget.className += "
active";
}

```

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## Fade in Tabs:

If you want to fade in the tab content, add the following CSS:

### Example

```

.tabcontent {
    animation: fadeEffect 1s; /* Fading
effect takes 1 second */
}

```

```
/* Go from zero to full opacity */
@keyframes fadeEffect {
  from {opacity: 0;}
  to {opacity: 1;}
}
```

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## Show a tab by default

To open a specific tab on page load, use JavaScript to "click" on the specified tab button:

### Example

```
<button class="tablinks"
onclick="openCity(event, 'London')"
id="defaultOpen">London</button>

<script>
// Get the element with id="defaultOpen"
and click on it
document.getElementById("defaultOpen").c
lick();
</script>
```

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## Close a tab

If you want to close a specific tab, use JavaScript to hide the tab with a click of a button:

## Example

```
<!-- Click on the <span> element to  
close the tab -->  
  
<div id="London" class="tabcontent">  
  <h3>London</h3>  
  <p>London is the capital city of  
England.</p>  
  <span  
onclick="this.parentElement.style.displa  
y='none'">x</span>  
</div>
```

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**Tip:** Also check out [How To - Vertical Tabs](#).

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