<https://www.w3schools.com/howto/howto_js_collapsible.asp>

# How TO - Collapse

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Learn how to create a collapsible section.

## Collapsible

Click the button to toggle between showing and hiding the collapsible content.

Collapsible

[Try it Yourself »](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_js_collapsible)

## Create A Collapsible

##### Step 1) Add HTML:

### Example

<button type="button" class="collapsible">Open Collapsible</button>  
<div class="content">  
  <p>Lorem ipsum...</p>  
</div>

##### Step 2) Add CSS:

Style the accordion:

### Example

/\* Style the button that is used to open and close the collapsible content \*/  
.collapsible {  
  background-color: #eee;  
  color: #444;  
  cursor: pointer;  
  padding: 18px;  
  width: 100%;  
  border: none;  
  text-align: left;  
  outline: none;  
  font-size: 15px;  
}  
  
/\* Add a background color to the button if it is clicked on (add the .active class with JS), and when you move the mouse over it (hover) \*/  
.active, .collapsible:hover {  
  background-color: #ccc;  
}  
  
/\* Style the collapsible content. Note: hidden by default \*/  
.content {  
  padding: 0 18px;  
  display: none;  
  overflow: hidden;  
  background-color: #f1f1f1;  
}

ADVERTISEMENT

##### Step 3) Add JavaScript:

### Example

var coll = document.getElementsByClassName("collapsible");  
var i;  
  
for (i = 0; i < coll.length; i++) {  
  coll[i].addEventListener("click", function() {  
    this.classList.toggle("active");  
    var content = this.nextElementSibling;  
    if (content.style.display === "block") {  
      content.style.display = "none";  
    } else {  
      content.style.display = "block";  
    }  
  });  
}

[Try it Yourself »](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_js_collapsible)

## Animated Collapsible (Slide Down)

To make an animated collapsible, add max-height: 0, overflow: hidden and a transition for the max-height property, to the panel class.

Then, use JavaScript to slide down the content by setting a calculated max-height, depending on the panel's height on different screen sizes:

### Example

<style>  
.content {  
  padding: 0 18px;  
  background-color: white;  
  max-height: 0;  
  overflow: hidden;  
  transition: max-height 0.2s ease-out;  
}  
</style>  
  
<script>  
var coll = document.getElementsByClassName("collapsible");  
var i;  
  
for (i = 0; i < coll.length; i++) {  
  coll[i].addEventListener("click", function() {  
    this.classList.toggle("active");  
    var content = this.nextElementSibling;  
    if (content.style.maxHeight){  
      content.style.maxHeight = null;  
    } else {  
      content.style.maxHeight = content.scrollHeight + "px";  
    }  
  });  
}  
</script>

[Try it Yourself »](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_js_collapsible_animate)

## Add Icons

Add a symbol to each button to indicate whether the collapsible content is open or closed:

### Example

.collapsible:after {  
  content: '\02795'; /\* Unicode character for "plus" sign (+) \*/  
  font-size: 13px;  
  color: white;  
  float: right;  
  margin-left: 5px;  
}  
  
.active:after {  
  content: "\2796"; /\* Unicode character for "minus" sign (-) \*/  
}

[Try it Yourself »](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_js_collapsible_symbol)

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