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How TO - CSS/JS Modal

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Learn how to create a Modal Box with CSS and JavaScript.

How To Create a Modal Box

A modal is a dialog box/popup window that is displayed on top of the current page:

Open Modal

Try it Yourself »

Step 1) Add HTML:

Example

```
<!-- Trigger/Open The Modal -->
<button id="myBtn">Open Modal</button>

<!-- The Modal -->
<div id="myModal" class="modal">

  <!-- Modal content -->
  <div class="modal-content">
    <span class="close">&times;</span>
    <p>Some text in the Modal.</p>
  </div>
</div>
```

Step 2) Add CSS:

Example

```
/* The Modal (background) */
.modal {
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
  left: 0;
  top: 0;
  width: 100%; /* Full width */
  height: 100%; /* Full height */
  overflow: auto; /* Enable scroll if needed */
  background-color: rgb(0,0,0); /* Fallback color */
  background-color: rgba(0,0,0,0.4); /* Black w/ opacity */
}

/* Modal Content/Box */
.modal-content {
  background-color: #fefefe;
  margin: 15% auto; /* 15% from the top and centered */
  padding: 20px;
  border: 1px solid #888;
  width: 80%; /* Could be more or less, depending on screen size */
}
```

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Get started

CODE GAME

Buttons

Forms

```
/* The Close Button */
.close {
  color: #aaa;
  float: right;
  font-size: 28px;
  font-weight: bold;
}

.close:hover,
.close:focus {
  color: black;
  text-decoration: none;
  cursor: pointer;
}
```

Step 3) Add JavaScript:

Example

```
// Get the modal
var modal = document.getElementById("myModal");

// Get the button that opens the modal
var btn = document.getElementById("myBtn");

// Get the <span> element that closes the modal
var span = document.getElementsByClassName("close")[0];

// When the user clicks on the button, open the modal
btn.onclick = function() {
  modal.style.display = "block";
}

// When the user clicks on <span> (x), close the modal
span.onclick = function() {
  modal.style.display = "none";
}

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
  if (event.target == modal) {
    modal.style.display = "none";
  }
}
```

Try it Yourself »

Add Header and Footer

Add a class for modal-header, modal-body and modal-footer:

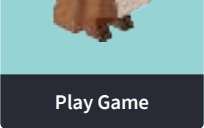
Example

```
<!-- Modal content -->
<div class="modal-content">
  <div class="modal-header">
    <span class="close">&times;</span>
    <h2>Modal Header</h2>
  </div>
  <div class="modal-body">
    <p>Some text in the Modal Body</p>
    <p>Some other text...</p>
  </div>
  <div class="modal-footer">
    <h3>Modal Footer</h3>
  </div>
</div>
```

Style the modal header, body and footer, and add animation (slide in the modal):

Example

```
/* Modal Header */
.modal-header {
```



- Password Validation
- Toggle Password Visibility
- Multiple Step Form
- Autocomplete
- Turn off autocomplete
- Turn off spellcheck
- File Upload Button
- Empty Input Validation

Filters

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- Shrink Header on Scroll
- Pricing Table
- Parallax
- Aspect Ratio

```
padding: 2px 16px;
background-color: #5cb85c;
color: white;
}

/* Modal Body */
.modal-body {padding: 2px 16px;}

/* Modal Footer */
.modal-footer {
padding: 2px 16px;
background-color: #5cb85c;
color: white;
}

/* Modal Content */
.modal-content {
position: relative;
background-color: #fefefe;
margin: auto;
padding: 0;
border: 1px solid #888;
width: 80%;
box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2),0 6px 20px 0 rgba(0,0,0,0.19);
animation-name: animatetop;
animation-duration: 0.4s
}

/* Add Animation */
@keyframes animatetop {
from {top: -300px; opacity: 0}
to {top: 0; opacity: 1}
}
```

Try it Yourself »

Bottom Modal ("Bottom sheets")

An example on how to create a full-width modal that slides in from the bottom:

Example

Bottom Modal

Open Modal

Try it Yourself »

Tip: Also check out [Modal Images](#) and [Lightbox](#).

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