***Website Animations with jQuery***

<https://www.w3schools.com/jquery/jquery_ref_effects.asp>

<https://api.jquery.com/category/effects/> important

**jQuery Effect Methods**

The following table lists all the jQuery methods for creating animation effects.

<https://www.w3schools.com/jquery/jquery_ref_effects.asp>

|  |  |
| --- | --- |
| **Method** | **Description** |
| [animate()](https://www.w3schools.com/jquery/eff_animate.asp) | Runs a custom animation on the selected elements |
| [clearQueue()](https://www.w3schools.com/jquery/eff_clearqueue.asp) | Removes all remaining queued functions from the selected elements |
| [delay()](https://www.w3schools.com/jquery/eff_delay.asp) | Sets a delay for all queued functions on the selected elements |
| [dequeue()](https://www.w3schools.com/jquery/eff_dequeue.asp) | Removes the next function from the queue, and then executes the function |
| [fadeIn()](https://www.w3schools.com/jquery/eff_fadein.asp) | Fades in the selected elements |
| [fadeOut()](https://www.w3schools.com/jquery/eff_fadeout.asp) | Fades out the selected elements |
| [fadeTo()](https://www.w3schools.com/jquery/eff_fadeto.asp) | Fades in/out the selected elements to a given opacity |
| [fadeToggle()](https://www.w3schools.com/jquery/eff_fadetoggle.asp) | Toggles between the fadeIn() and fadeOut() methods |
| [finish()](https://www.w3schools.com/jquery/eff_finish.asp) | Stops, removes and completes all queued animations for the selected elements |
| [hide()](https://www.w3schools.com/jquery/eff_hide.asp) | Hides the selected elements |
| [queue()](https://www.w3schools.com/jquery/eff_queue.asp) | Shows the queued functions on the selected elements |
| [show()](https://www.w3schools.com/jquery/eff_show.asp) | Shows the selected elements |
| [slideDown()](https://www.w3schools.com/jquery/eff_slidedown.asp) | Slides-down (shows) the selected elements |
| [slideToggle()](https://www.w3schools.com/jquery/eff_slidetoggle.asp) | Toggles between the slideUp() and slideDown() methods |
| [slideUp()](https://www.w3schools.com/jquery/eff_slideup.asp) | Slides-up (hides) the selected elements |
| [stop()](https://www.w3schools.com/jquery/eff_stop.asp) | Stops the currently running animation for the selected elements |
| [toggle()](https://www.w3schools.com/jquery/eff_toggle.asp) | Toggles between the hide() and show() methods |

Animate Background color:

<https://stackoverflow.com/questions/190560/jquery-animate-backgroundcolor>

<https://developer.mozilla.org/en-US/docs/Web/API/WebGL_API/By_example/Simple_color_animation>

jQuery animate slide

<https://api.jquery.com/category/effects/> important

***Code:***

**Index6.html:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>jQuery</title>

<link rel="stylesheet" href="styles6.css">

</head>

<body>

<h1 class="big-title margin-50">Hello.</h1>

<img src="drum.png" alt="">

<a href="http://www.google.com">Search</a>

<!--We want to add a and img attributes using js and jQuery-->

<button>Click Me</button>

<button>Click Me</button>

<button>Click Me</button>

<button>Click Me</button>

<button>Click Me</button>

<input type="text" name="" value="">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script> <!--Paste it above below tag-->

<script src="index6.js" charset="utf-8"></script>

</body>

</html>

**Index6.js:**

//Website Animations with jQuery

/\*

$("button").on("click",function(){

$("h1").hide(); //Hide is an annimation that hides selected item Use this to show again $("h1").show();

});

\*/

/\*

$("button").on("click",function(){

$("h1").toggle(); //This annimation hides h1 on first click of any button and again show on click and so again and again

});

\*/

//Let's reduce the opacity

/\*

$("button").on("click",function(){

$("h1").fadeOut();

});

\*/

/\*

$("button").on("click",function(){

$("h1").fadeIn();

});

\*/

//$("h1").fadeIn();

/\*

$("button").on("click",function(){

$("h1").fadeToggle();

});

\*/

/\*

$("button").on("click",function(){

$("h1").slideUp();

});

$("button").on("click",function(){

$("h1").slideDown();

});

\*/

/\*

$("button").on("click",function(){

$("h1").slideToggle();

});

\*/

/\*

$("button").on("click",function(){

$("h1").animate({

opacity:0.5

});

});

\*/

/\*

$("button").on("click",function(){

$("h1").animate({

margin: "100px"

});

});

\*/

$("button").on("click",function(){

$("h1").slideUp().slideDown().animate({ opacity: 0.5 });

});

**Styles6.css:**

.big-title{

font-size: 10rem;

font-family: cursive;

color: purple;

}

.margin-50{

margin: 50px;

}s