# [smooth scroll](https://www.youtube.com/watch?v=y9nlfqT4s9s)

1. Using JQuery

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>  
<script>  
$(document).ready(function(){  
  // Add smooth scrolling to all links  
  $("a").on('click', function(event) {  
  
    // Make sure this.hash has a value before overriding default behavior  
    if (this.hash !== "") {  
      // Prevent default anchor click behavior  
      event.preventDefault();  
  
      // Store hash  
      var hash = this.hash;  
  
      // Using jQuery's animate() method to add smooth page scroll  
      // (800) the number of msecs it takes to scroll to the specified area  
      $('html, body').animate({  
        scrollTop: $(hash).offset().top  
      }, 800, function(){  
  
        // Add hash (#) to URL when done scrolling (default click behavior)  
        window.location.hash = hash;  
      });  
    }  
  });  
});  
</script>

1. Using smooth scroll library

<script src="https://cdn.jsdelivr.net/gh/cferdinandi/smooth-scroll@15.0.0/dist/smooth-scroll.polyfills.min.js"></script>

In the footer of your page, after the content, initialize Smooth Scroll by passing in a selector for the anchor links that should be animated. And that's it, you're done. Nice work!

<script>

var scroll = new SmoothScroll('a[href\*="#"]', {

speed: 300

});

</script>

1. Built-in css attribute using scroll-behavior: smooth