

## Summary

With guidance and inspiration from <https://googlecreativelab.github.io/coder-projects/> I have developed an Electric Piano. When you hover with the mouse/pointer over the colored piano keys different music notes from external audio files starts to play. Remember to turn on the sound on your laptop.

The piano uses a single-page layout and flexbox to make the layout responsive.

## How it works

Code description for the scripts:

- This variable calls the cNote audio element in the HTML with help from JQuery.  
`var cNote = document.getElementById('cAudio');`
- This makes the div class "box" into a piano key function that plays the audio file when the users mouse/pointer hovers the box.  
`$('#c').mouseover(function(){`
- This is a property that takes the audio file back to its start, so that the user don't need to wait for the audio file to finish until the next audio file can be played.  
`cNote.currentTime = 0;`
- This plays the audio file.  
`cNote.play();`

## Library

JQuery

## Discussion

I wanted to make something simple, fairly easy and interactive, thus I chose this project which is using JavaScript and JQuery "only". The script code needed to make the piano work is very straightforward and short, and my only fear is that it's too simple for this project?

I have chosen to use literals instead of variables for the id's etc since the name is directly connected to the type of music note that's used, and I found it easier to remember which ones which that way.