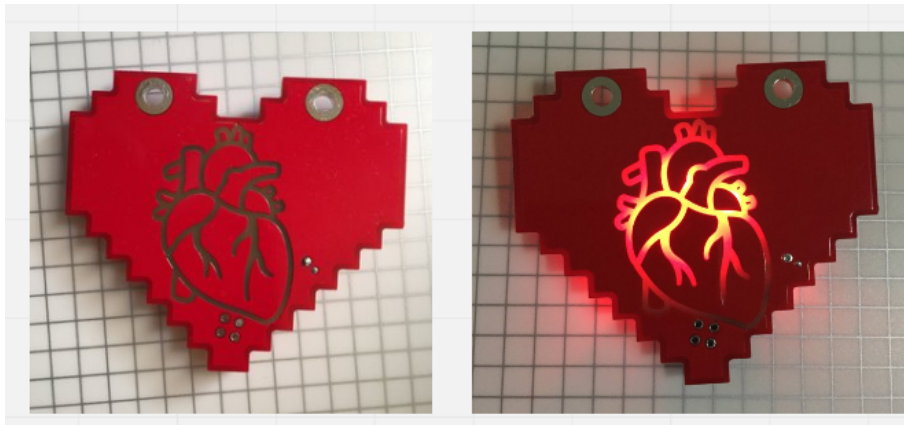


Anatomically Correct Heart Design

Project Summary:

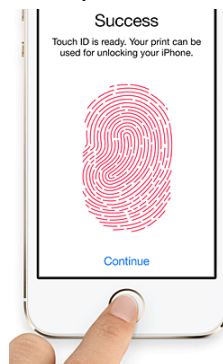
A vector image using 4 colors that looks like an anatomically correct heart. Showing the arteries and veins entering and leaving the heart. Internal structure of the valves and chambers are optional since there are only 4 colors available.

This image will be used as a Printed Circuit Board or PCB design. The colors come from the limits of that manufacturing process. A user will place their thumb in the middle of the board and it will detect their heart beat and fade some red LEDs at that rate. LEDs will be mounted on the non-user facing side and shine through the board.



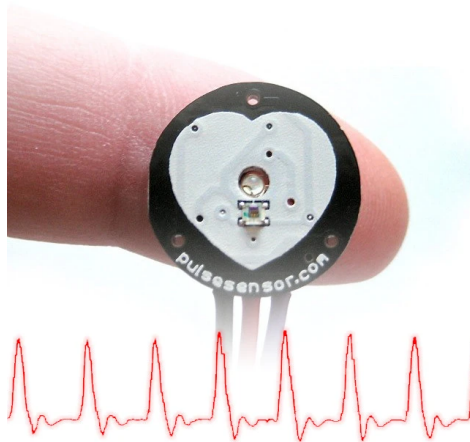
IMPORTANT NOTE:

Final physical design will be around 3 inches wide by 2 inches tall. The user's thumb will obscure some of the design. I expect the user to have their thumb coming from the bottom to the LED in the center. Like unlocking a smartphone.

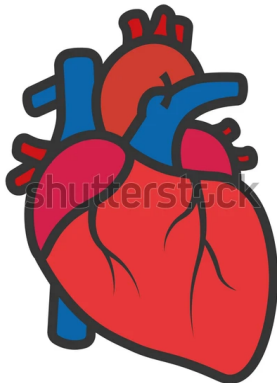


Requirements:

- File in SVG or AI (Adobe Illustrator)
- Only colors used are the following:
 - #E32D19 - “Bright red”
 - #861A25 - “Darker red”
 - #FFFFFF - White
 - #FAC710 - “Gold”
- 3 mm hole / dead zone **near** the middle of the image. Just like in the image below. It will be used to shine a light through. The lens of the LED will look like the image below and if at all possible i'd like it to be “hidden” like it is below.



Inspiration and Notes:



This one basically covers what I'm looking for. I'm not sure if I like the look of the smaller veins in the middle.



This one shows a pretty close to actual gold color. It kind of over powers the entire image but I like how it adds some texture or depth to the design.



This is way too simple in terms of texture and detail. Also the shape isn't right.



I like the use of lines here to give it some depth on the all white background.