

Post-study questionnaire

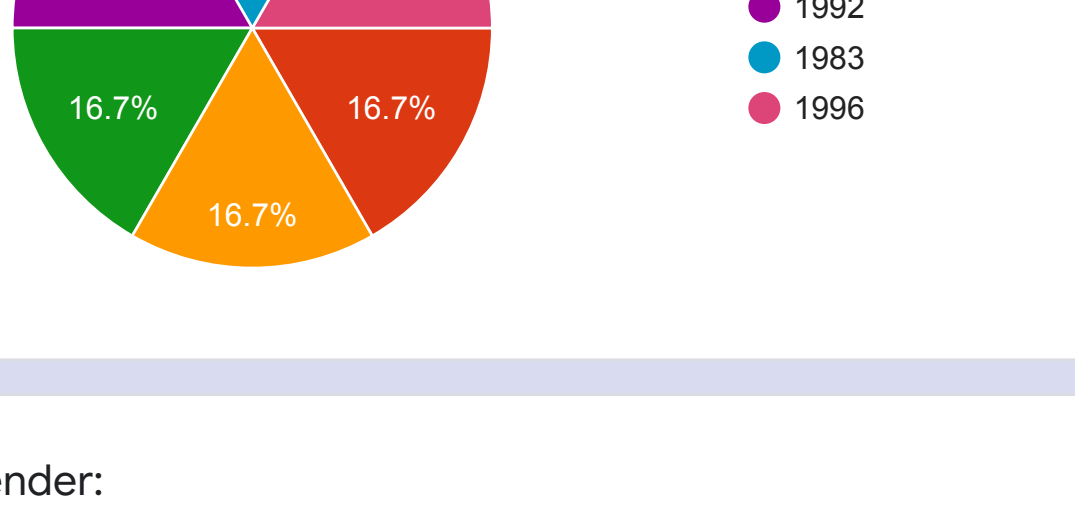
6 responses

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A little bit about yourself...

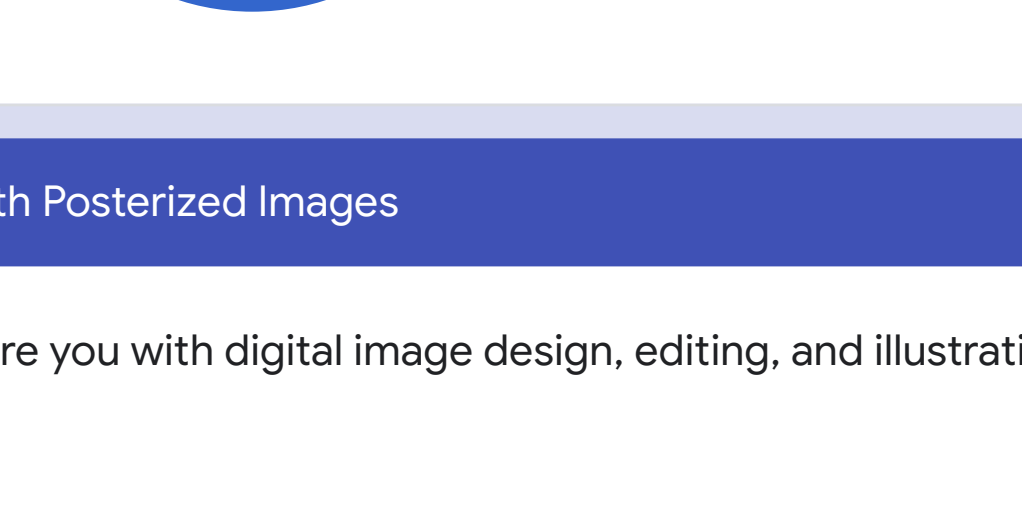
In which year were you born?

6 responses



Select your gender:

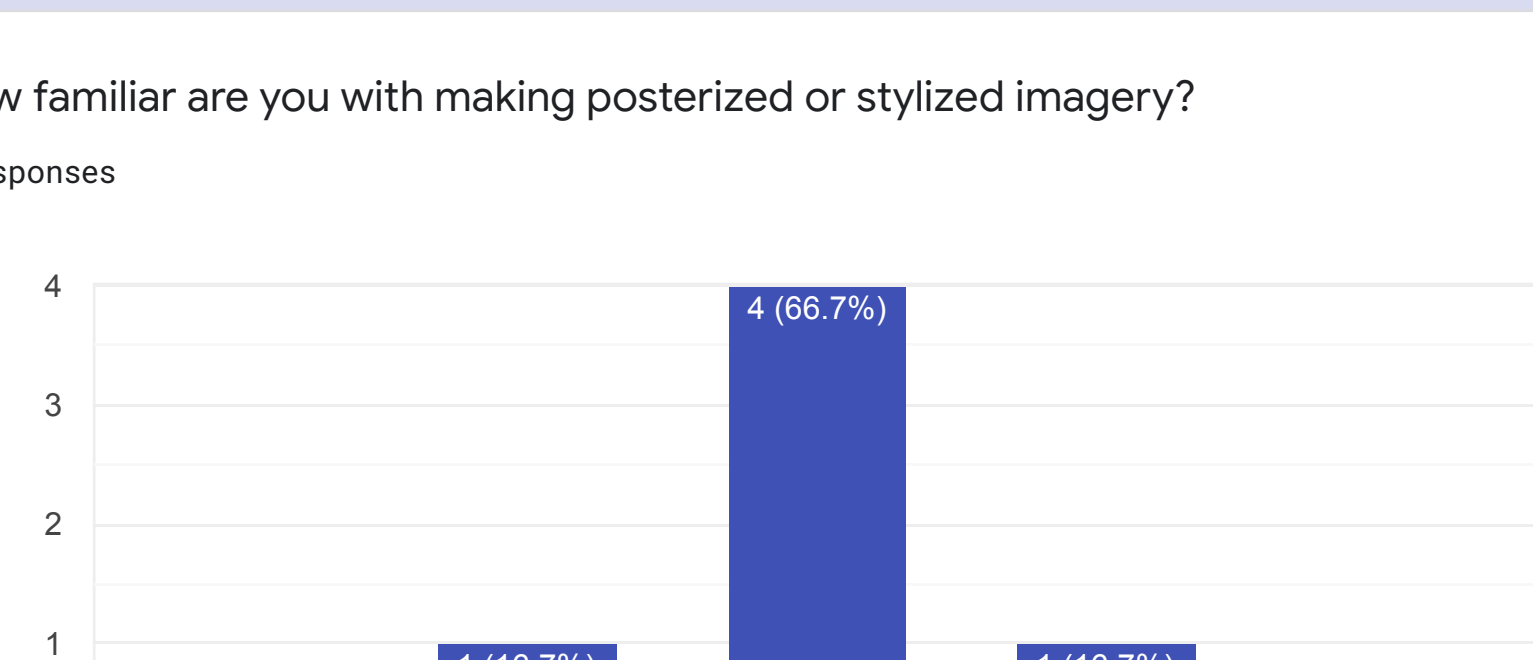
6 responses



Experience with Posterized Images

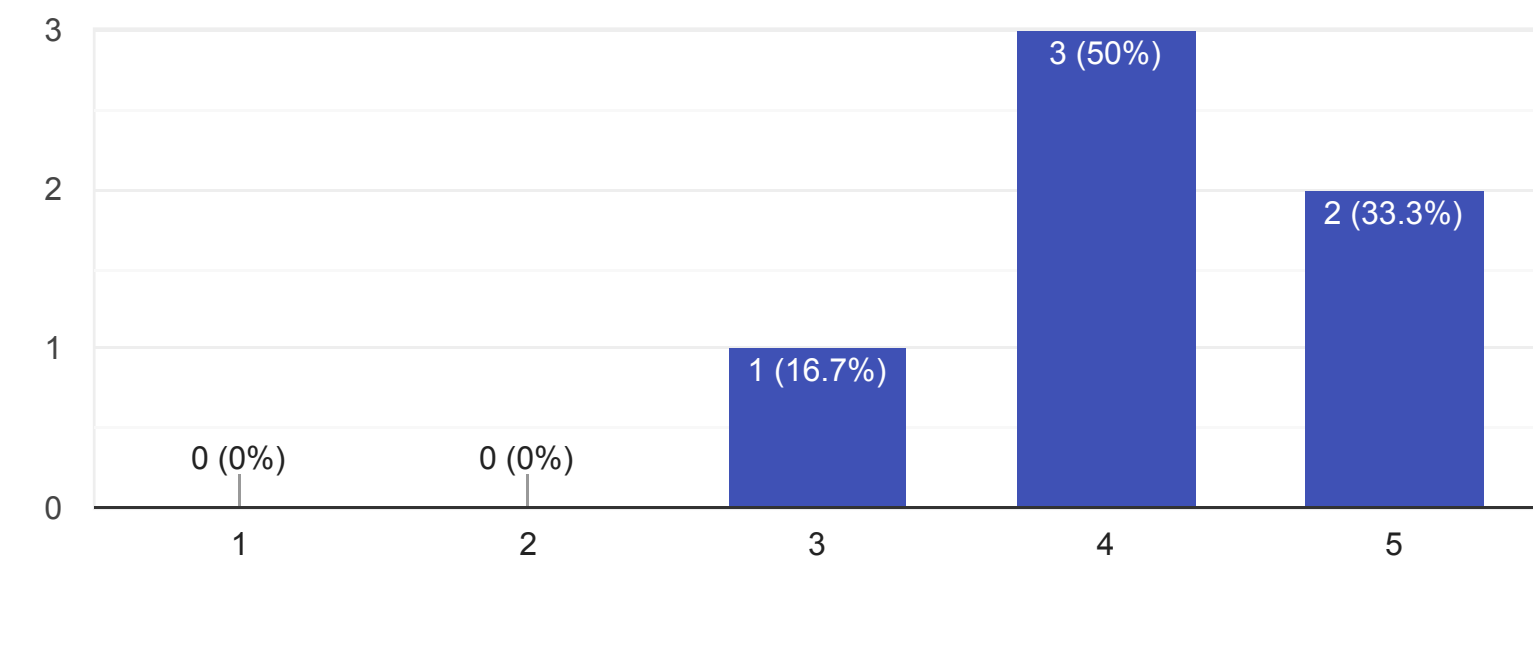
How familiar are you with digital image design, editing, and illustration?

6 responses



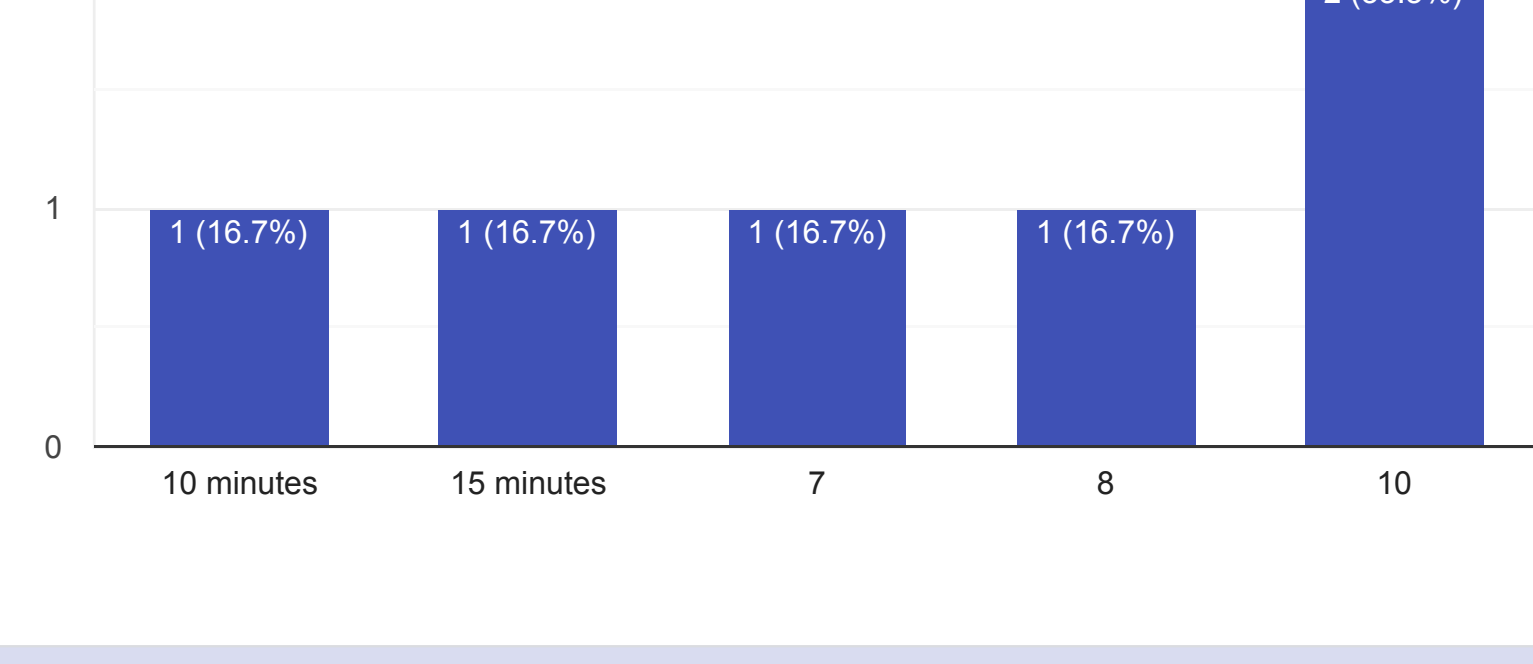
How familiar are you with making posterized or stylized imagery?

6 responses



How familiar are you with programs like Adobe Photoshop and Illustrator ?

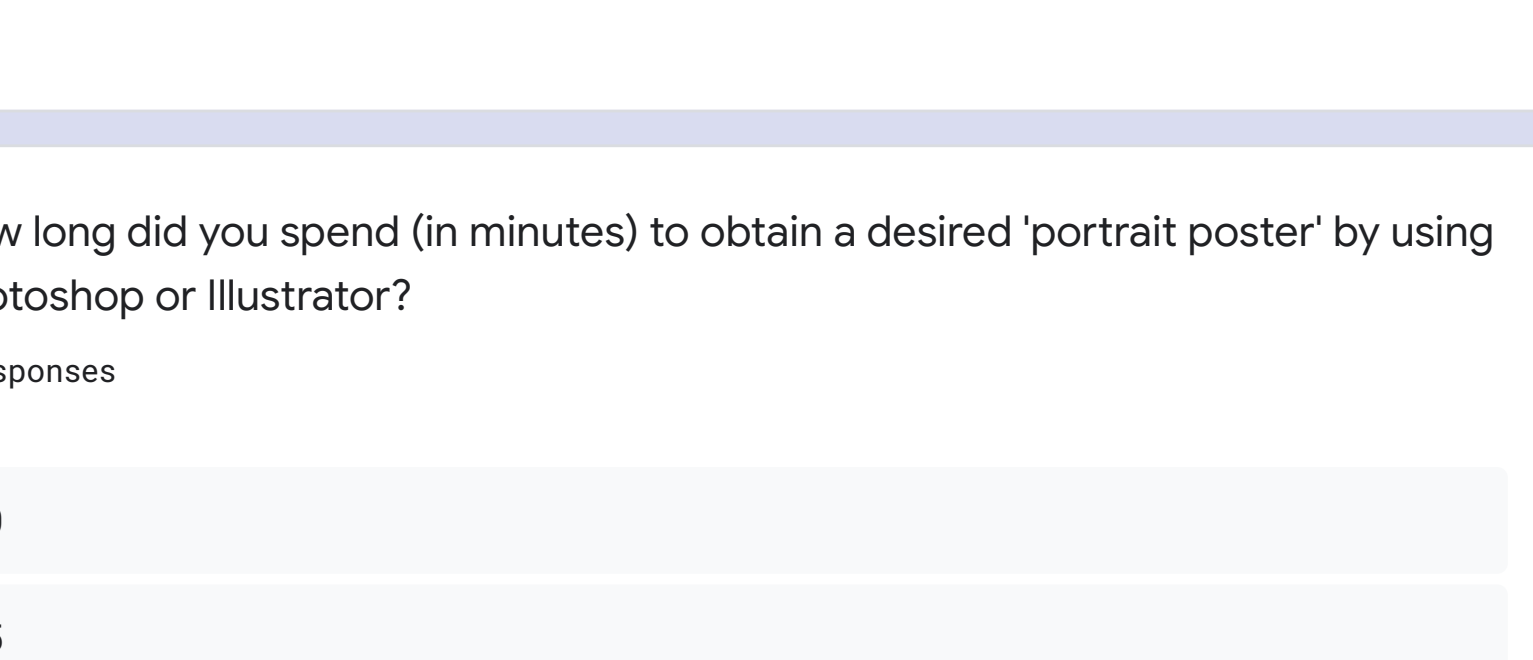
6 responses



Questionnaire

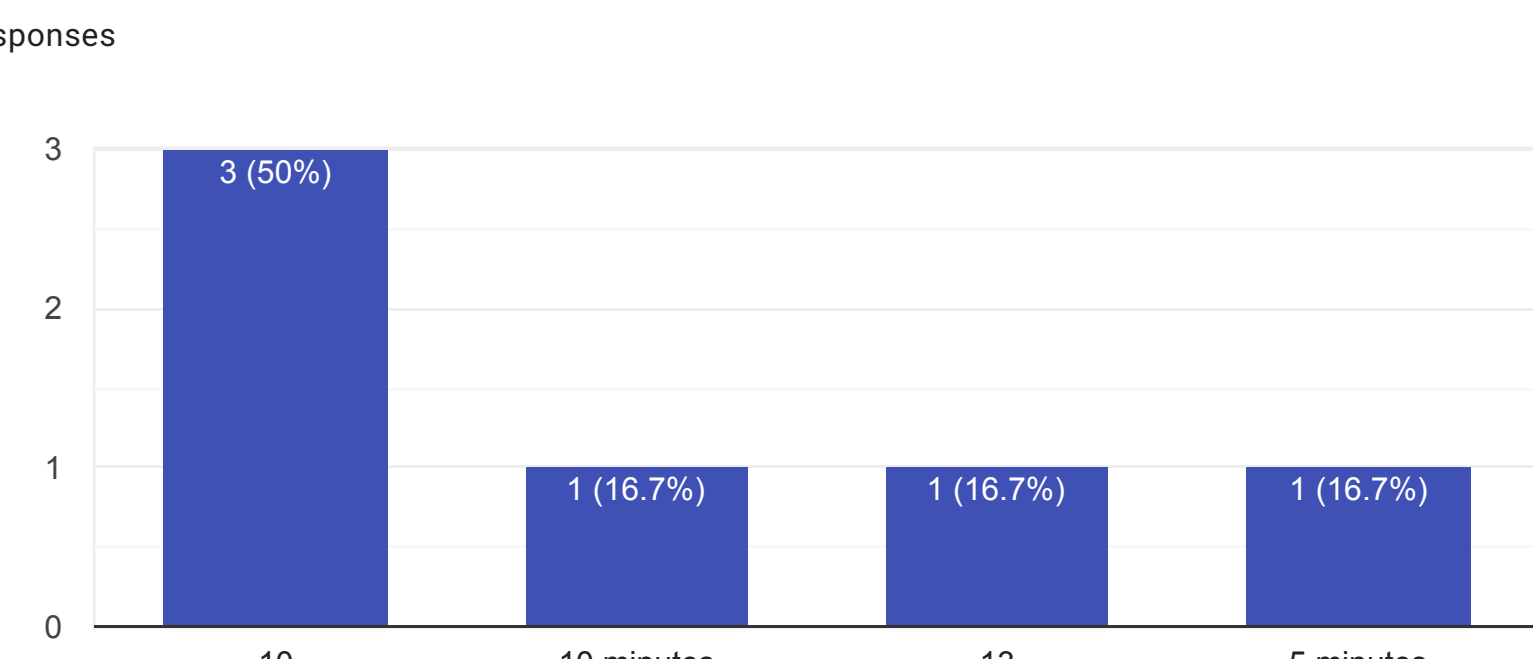
How long did you spend (in minutes) to obtain a desired 'frog poster' by using Photoshop or Illustrator?

6 responses



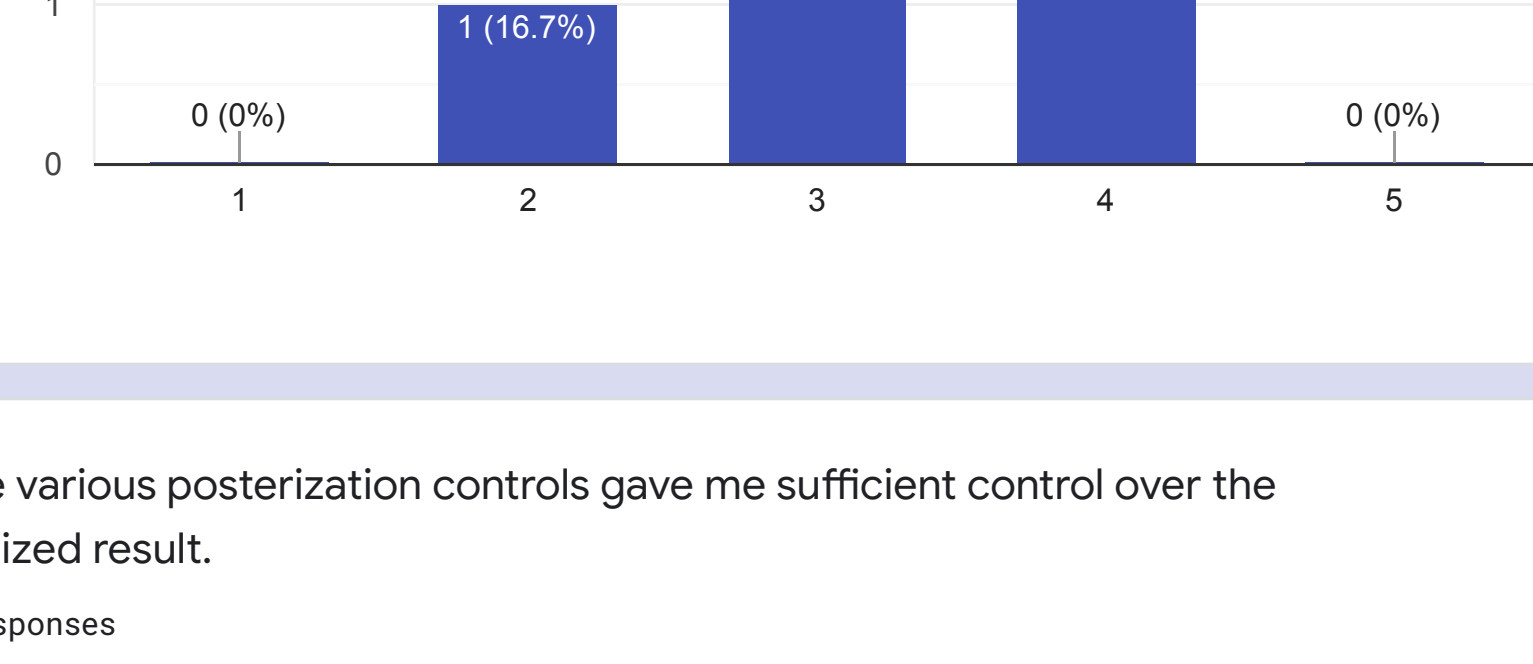
How long did you spend (in minutes) to obtain a desired 'frog poster' from our application?

6 responses



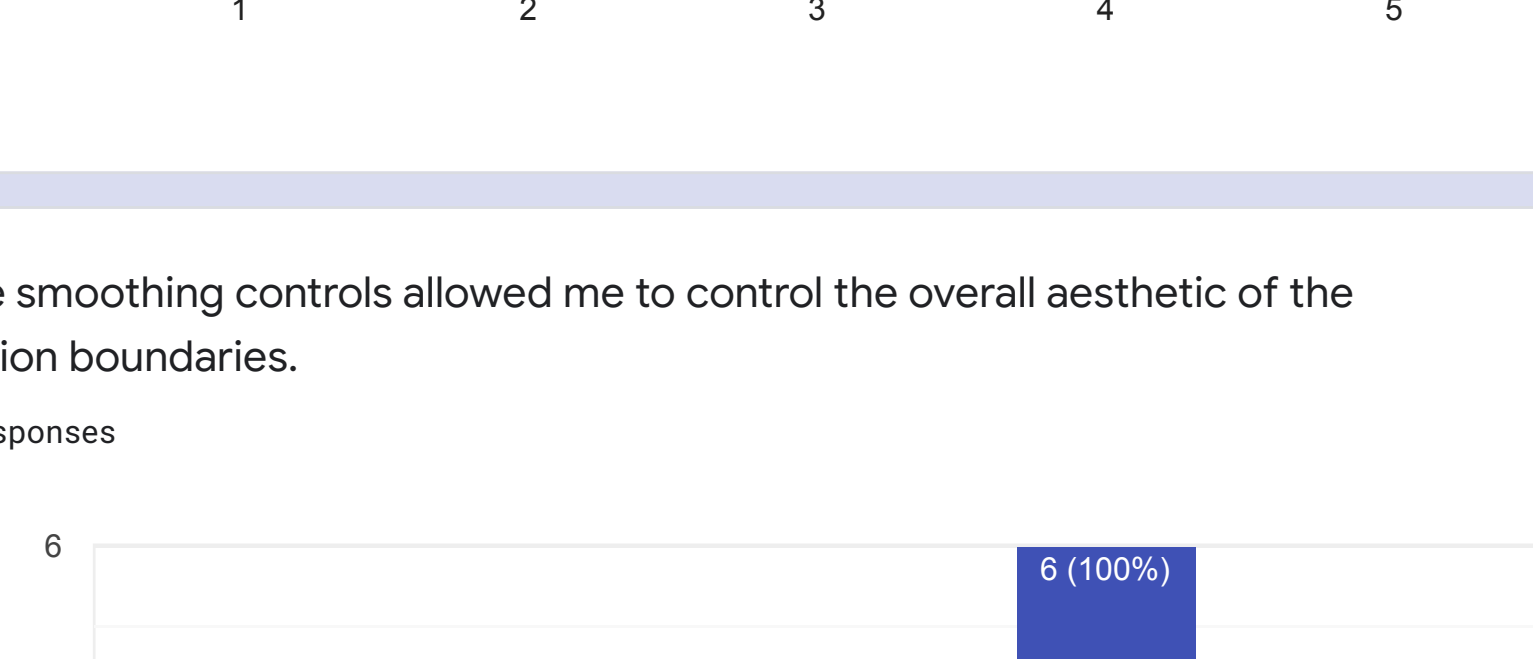
How long did you spend (in minutes) to obtain a desired 'portrait poster' by using Photoshop or Illustrator?

6 responses



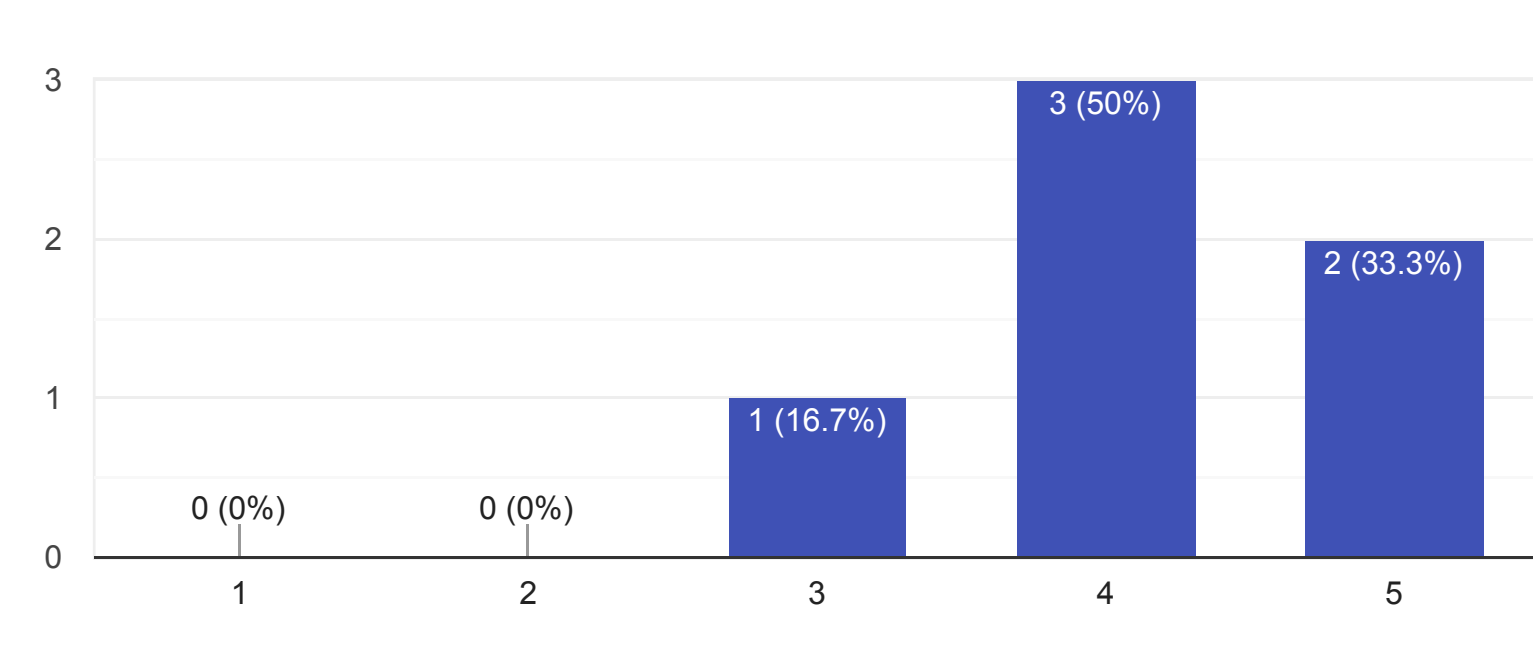
The automatically chosen palette colors matched my expectations.

6 responses



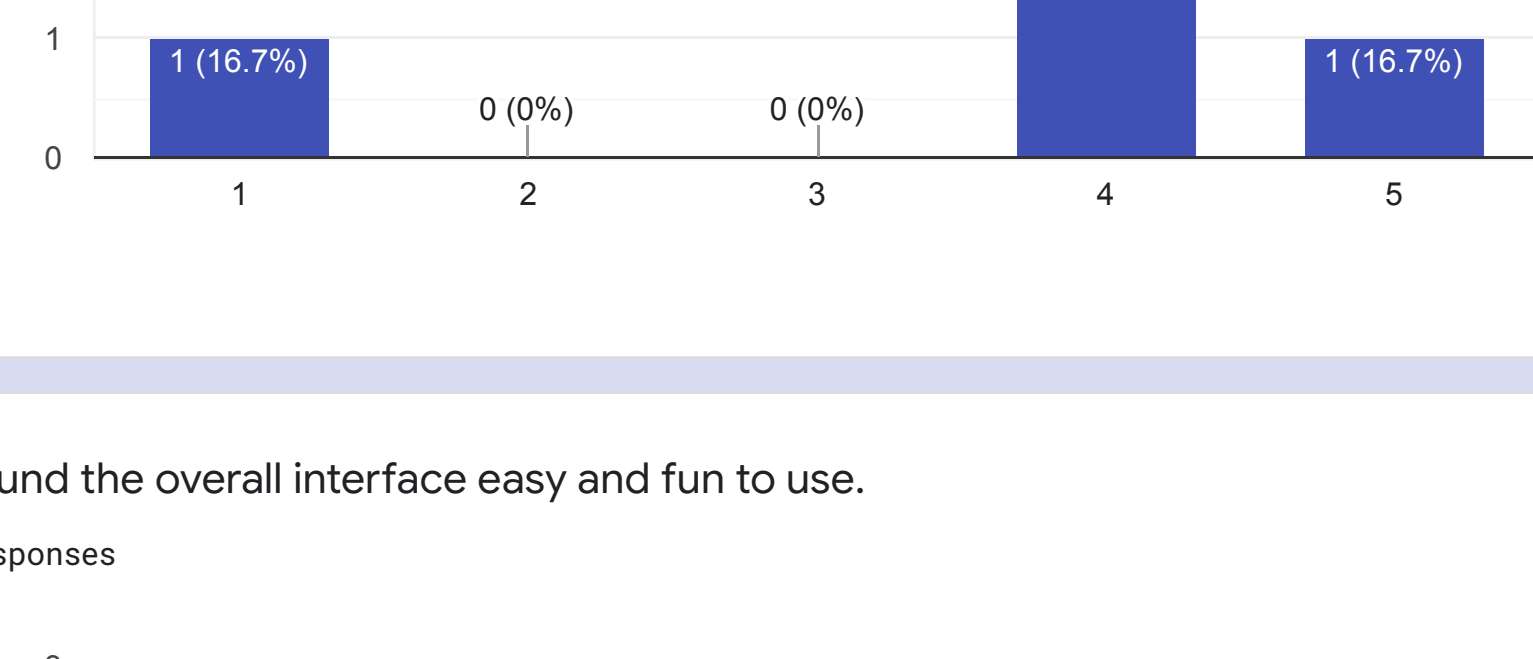
The various posterization controls gave me sufficient control over the stylized result.

6 responses



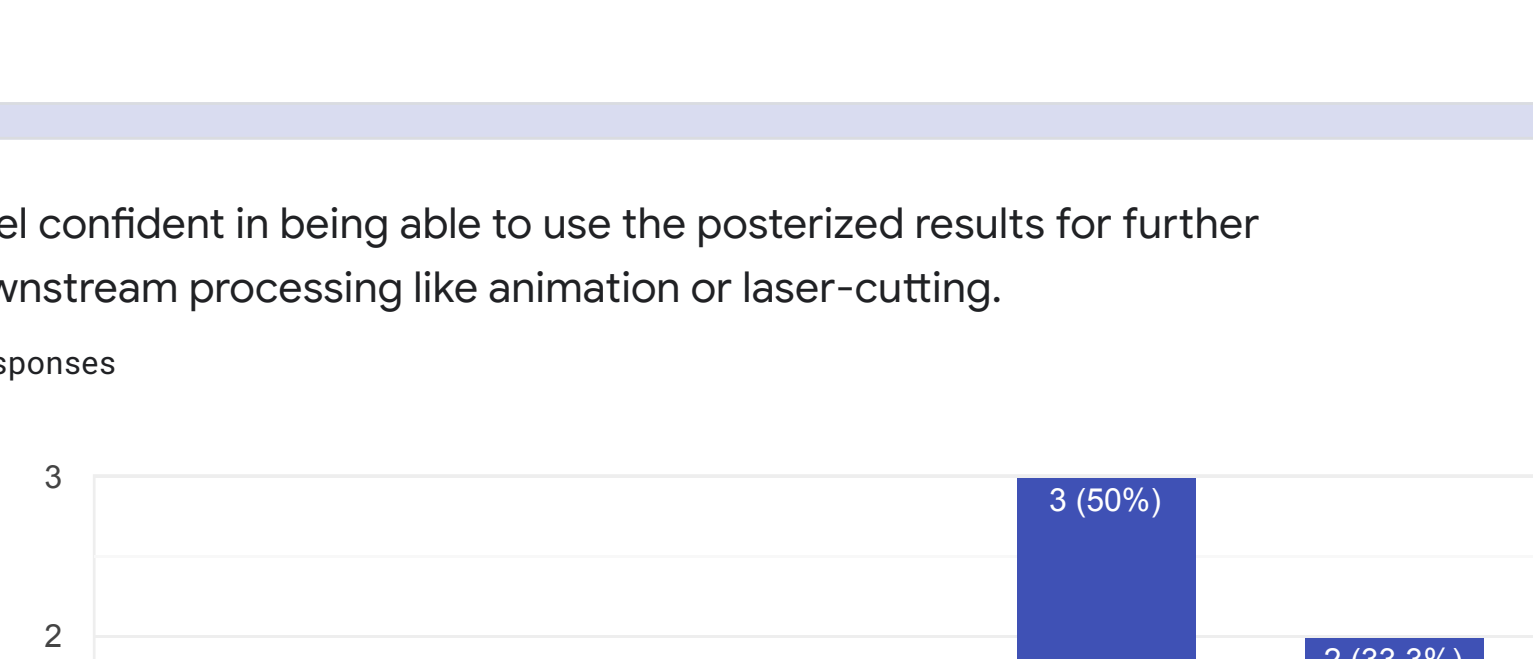
The smoothing controls allowed me to control the overall aesthetic of the region boundaries.

6 responses



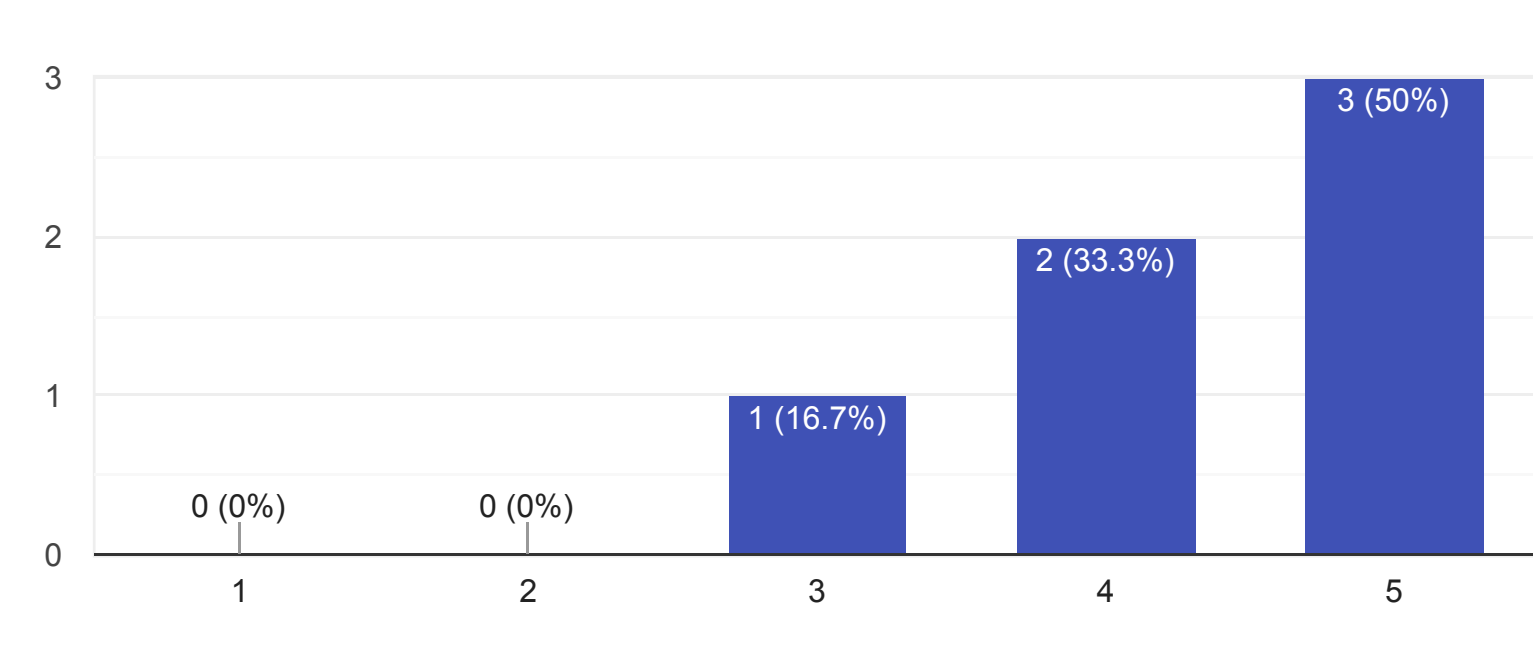
I found the ability to recolor the image by varying the color palette useful.

6 responses



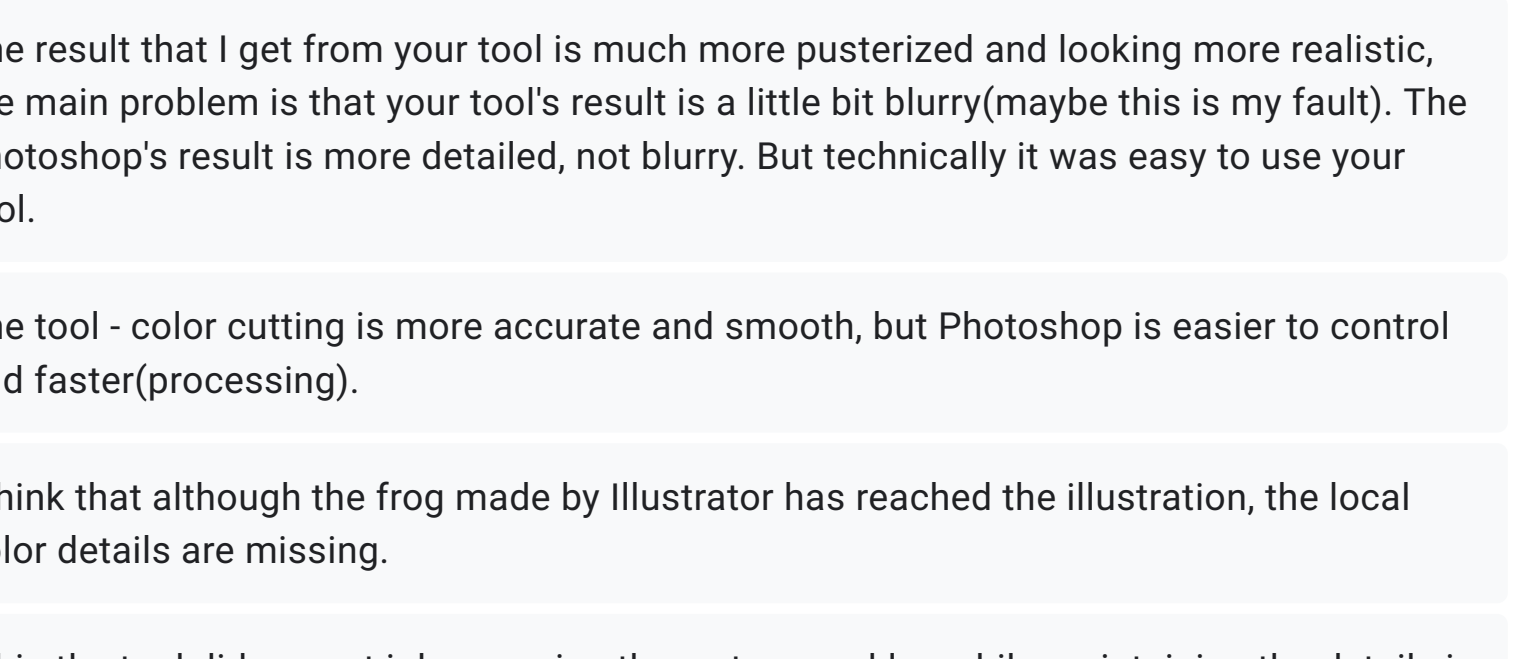
After seeing the results, I felt it would have been useful to edit my image in Photoshop (or other software) before posterizing it.

6 responses



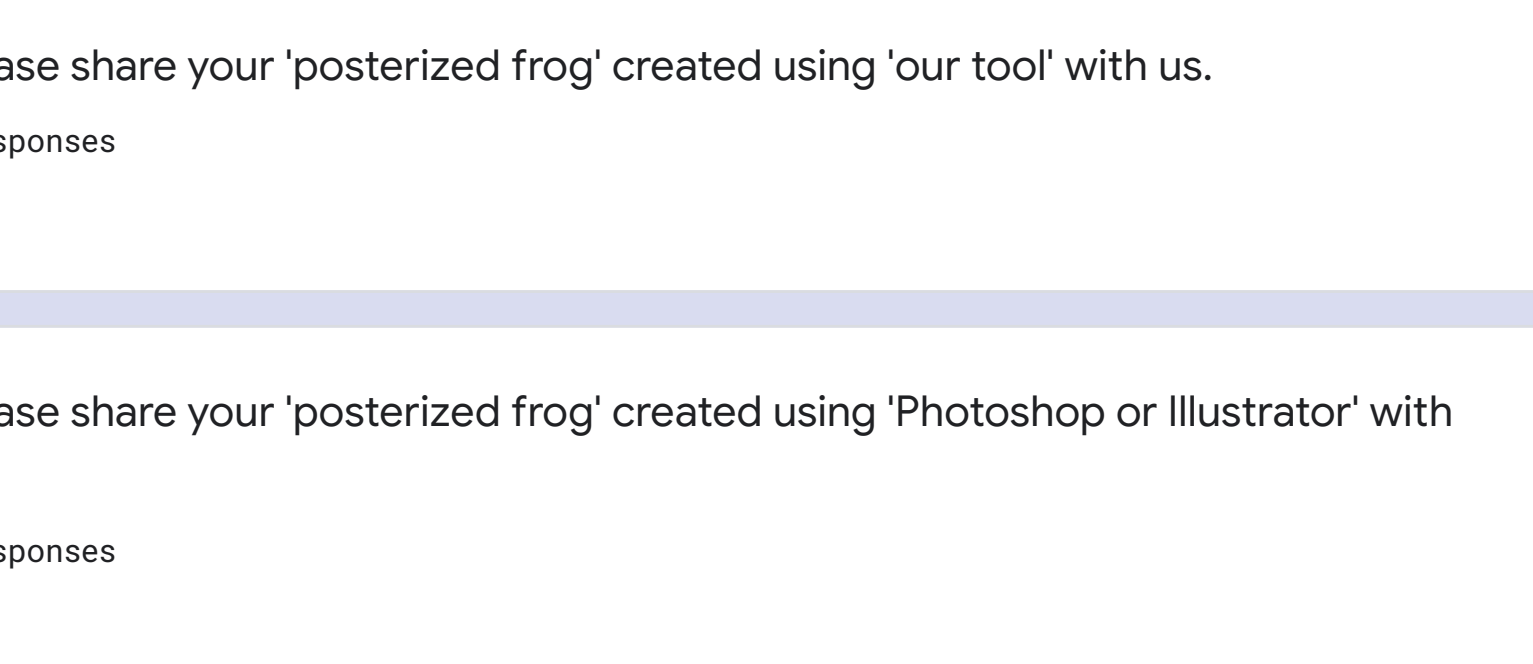
I found the overall interface easy and fun to use.

6 responses



I feel confident in being able to use the posterized results for further downstream processing like animation or laser-cutting.

6 responses



I found the tool to be more effective at efficiently posterizing images compared to posterization support in Photoshop or Illustrator.

6 responses



Open comments/discussion from the participant.

Please compare the 'posterized frog' you made using our tool to the 'posterized frog' you made using Photoshop or Illustrator.

6 responses

The result that I get from your tool is much more posterized and looking more realistic, the main problem is that your tool's result is a little bit blurry(maybe this is my fault). The photoshop's result is more detailed, not blurry. But technically it was easy to use your tool.

The tool - color cutting is more accurate and smooth, but Photoshop is easier to control and faster(processing).

I think that although the frog made by Illustrator has reached the illustration, the local color details are missing.

I thin the tool did a great job removing the water speckles while maintaining the details in the frog's eyes. This was harder to do in Photoshop and I had to resort to layer masking combined with a Gaussian blur.

My Photoshopped frog is a bit more grainy, and I touched it up manually in parts (eg the highlights in the eyes). I had a hard time getting those highlights to appear using the tool alone. I prefer the overall color blending in the frog image produced by the tool. I spent a lot of time trying figure out how many colours I should posterize this image with using the tool, and I think this consumed a lot of my 10min task time.

使用ps製作海報所花時間明顯長於使用Posterization，而此工具較能快速、直覺完成特效結果，在調色上也有更多豐富的選擇可以快速做變化。

Please share your 'posterized frog' created using 'our tool' with us.

6 responses

Please share your 'posterized frog' created using 'Photoshop or Illustrator' with us.

6 responses

Please compare the 'posterized portrait' you made using our tool to the 'posterized portrait' you made using Photoshop or Illustrator.

5 responses

I feel failed to use the tool, I couldn't address the eyes, the highlight

After using your tools for posterization, the edges are natural, and even I adjusted the color wrong.

I think I had more trouble with this one. I tried exploring the "Palette blends" dimension but it seemed to act as a boolean: blending or no blending. So, I'm not quite sure what this control does. Still, changing the palette (recoloring) was much easier here as compared to Select Colour Range -> Recolour iterations in Photoshop.

The portrait I made using Photoshop had a lot of manual intervention. It was hard to get Photoshop to use the 'correct' colors when I used the Posterize feature, and ended up correcting this by manually selecting a colour in the image with the magic wand and replacing it with something more suitable. The tool on the other hand produced a palette that I felt required less intervention. I used a custom map to smooth out details in the subject (forehead) while keeping others detailed (eyes).

使用ps製作海報所花時間明顯長於使用Posterization，而此工具較能快速、直覺完成特效結果，在調色上也有更多豐富的選擇可以快速做變化。

Please share your 'posterized portrait' created using 'our tool' with us.

6 responses

Please share your 'posterized portrait' created using 'Photoshop or Illustrator' with us.

6 responses

Please share your thoughts about our posterization tool.

6 responses

It is so easy to use the tool. I like that it allows to adjust color in RGB format. Some disadvantages: the use of posterization parameters is not effective and sometimes impossible. The problem is absence of live preview. When adjusting posterization parameters it's not showing live preview so the user can't see what is changing exactly. The changes appears only after re-posterization. This is big problem. Also it would be great if you add something like "posterization opacity". This parameter will allow to change amount of posterization. Maybe user wants to have tiny posterized image, so after usual posterization he can decrease opacity and get tiny posterized image.

very inspiring but too slow, color modifying is not very easy.

Although I amn't familiar with it yet, your tool can adjust the details of many photos, which I think is very convenient. Illustrator or Photoshop requires a lot of different tools to achieve the same effect.

I found it hard to iterate due to the large wait time between iterations. Further, it would have been useful to get an explanation of the parameters before the study. I don't quite understand what "Palette blends" are, for instance.

Overall, I can clearly see how the posterization tools in Photoshop are not as powerful as the proposed scheme here. I ended up spending additional manual effort recolouring images in PS. The boundary controls also seemed more useful as compared to Photoshop's "Cutout" filter.

Overall I think it's pretty cool, and the results are smooth and less grainy than the what I've used to with Photoshop. I also think the custom map is a great little feature to help me iron out some of the wonky details that can happen with posterization.

I'm very used to the speed of seeing previewed posterized results in Photoshop and had a hard time with this tool. As an example, I'd create a posterized image using the tool, think that it looks OK but think to myself that it might be better with some adjustments, so I change the number of colors and hit the posterize again. But by the time the new image shows up, I'd have to re-posterize it to see the previous state. Basically, it would be nice to save a snapshot of the previous posterization for quick comparison.

I think that sosososososo cool!!!!!!

Is there anything else you would like to share with us?

3 responses

could use a nicer app icon :)

Except that the software works a bit slow, the rest are good to use.

maybe~i think the UI and UX can be better!good!good!good!