



# Flat Vector Icons

For Total Control 2.0

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# Flat Vector Icons

The Flat Vector icon sets are a family of similarly-styled icons for Total Control 2.0. Each set of Flat Vector icons is available as a separate download.

## Icon Styles

URC provides several styles of Flat Vector icons that are ready for use in Accelerator 2, plus a set of source files that make it easy for graphic designers to create their own icon styles. You can also use a graphics application to edit the colors of icons Flat Vector Icons Set 1 to produce many color variations.

### Flat Vector Set 1

**Flat Vector Set 1.zip** contains black icons on white backgrounds. Filenames include a hex color that determines the label color and other user interface colors in Total Control 2.0.



Set 1 includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

You can also easily edit the colors of Flat Vector Set 1 using any graphics software. Basic instructions for editing icon colors are detailed in the section [Changing the Colors of Flat Vector Icons Set 1](#), later in this document.

## Flat Vector Set 2

**Flat Vector Set 2.zip** contains white icons on black backgrounds. Filenames include a hex color that determines the label color and other user interface colors in Total Control 2.0.



Set 2 includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

## Flat Vector Set 3

**Flat Vector Set 3.zip** contains white icons on color backgrounds. Filenames include a hex color that determines the label color and other user interface colors in Total Control 2.0. If you just want to add a little color to your Total Control layouts without editing graphics, you can use the Flat Vector Set 3 icons, which has already been colorized using a color-coordinated 18-color palette.



Set 3 includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

If you create your own icons to use with Flat Vector Icons Set 3, use the values shown below to make your new icons coordinate with the colors of the other icons. The Hex values shown in the label areas are the values to use in the filename of your icons. The Hue, Saturation, and Lightness values are the values to use when colorizing your icon in Photopea.

Hue: 213 Saturation: 15 Lightness: 52 Hex: 707984 Hex: 565C65	Hue: 34 Saturation: 11 Lightness: 51 Hex: 817B73 Hex: 66625B	Hue: 26 Saturation: 34 Lightness: 66 Hex: A8886F Hex: 8B6C54	Hue: 34 Saturation: 57 Lightness: 82 Hex: D29E5A Hex: B0792F	Hue: 0 Saturation: 34 Lightness: 66 Hex: A86F6F Hex: 8A5353	Hue: 340 Saturation: 29 Lightness: 80 Hex: CD91A5 Hex: B56F82
Hue: 307 Saturation: 29 Lightness: 70 Hex: B27FAC Hex: 93578B	Hue: 265 Saturation: 34 Lightness: 66 Hex: 876FA8 Hex: 685085	Hue: 221 Saturation: 34 Lightness: 66 Hex: 6F81A8 Hex: 506387	Hue: 199 Saturation: 41 Lightness: 80 Hex: 79B2CC Hex: 5099BC	Hue: 179 Saturation: 34 Lightness: 66 Hex: 6FA8A7 Hex: 528786	Hue: 128 Saturation: 40 Lightness: 62 Hex: 5F9F67 Hex: 4B7E52
Hue: 100 Saturation: 47 Lightness: 69 Hex: 79B15D Hex: 5F9346	Hue: 84 Saturation: 34 Lightness: 66 Hex: 91A86F Hex: 738A53	Hue: 69 Saturation: 64 Lightness: 76 Hex: B0C346 Hex: 8B9B33	Hue: 53 Saturation: 69 Lightness: 80 Hex: CDBD40 Hex: A8992D	Hue: 55 Saturation: 40 Lightness: 62 Hex: 9F9A5F Hex: 797648	Hue: 257 Saturation: 5 Lightness: 56 Hex: 8A888F Hex: 69676D

## Flat Vector Set 4

**Flat Vector Set 4.zip** contains white icons on color backgrounds that match the colors of **Set 3**, with the addition of “long shadows” to add contrast and depth. Filenames include a hex color that determines the label color and other user interface colors in Total Control 2.0.



Set 4 includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

The colors used in Set 4 are identical to the colors in Set 3, so if you are adding your own icons to use with this set, you can use the same color palette as with Set 3.

## Flat Vector Set 5

**Flat Vector Set 5.zip** contains single-color icons on white backgrounds. Filenames include a hex color that determines the label color and other user interface colors in Total Control 2.0.



Set 5 includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

## Flat Vector Source Files

**Flat Vector Source Files.zip** contains black icons on transparent backgrounds. The images are provided in 32-bit, bitmapped PNG format. These files are **not** ready to use in Total Control 2.0 directly, but instead serve as a starting point for advanced graphic artists who want to create their own visual styles.



Flat Vector Source Files includes folders for nine categories of icons:

- Activities
- Brands
- Commercial Devices
- Devices
- Games
- Commercial Rooms
- Lighting
- Services
- Various

Using the filters, effects, styles, and other capabilities of advanced image editing programs, it is possible for an experienced designer to transform the Flat Vector Source Files into countless new looks, without having to start from scratch to create the icons themselves.



Photopea, the image editor that is used for the procedures in this guide, has a relatively simple user interface, but it includes many of the high-end features required to create new styles from these image files.



## Add the Flat Vector Icons to Accelerator 2

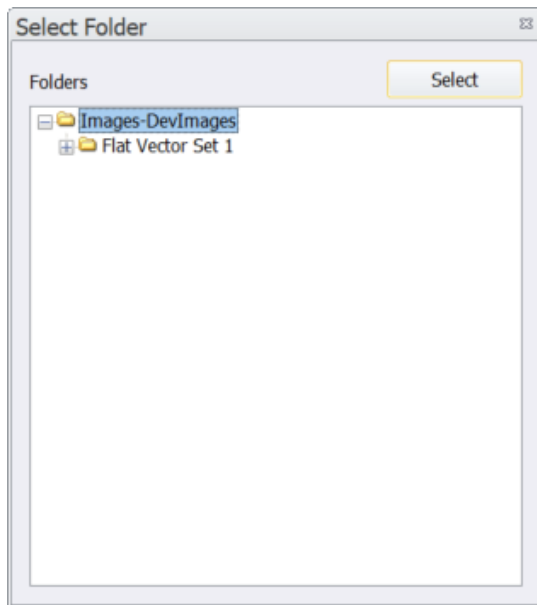
The steps in these procedures describe using Flat Vector Icons Set 1, but you can use the same steps with any icon set in Accelerator 2.

### To add the Flat Vector Icons to Accelerator 2:

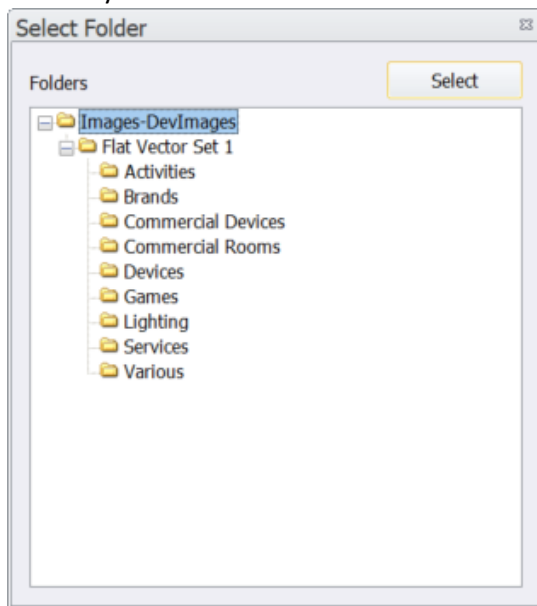
1. Download [Flat Vector Set 1.zip](#) and unzip it to a folder on your hard drive.
2. Save any open files in *Accelerator 2* and then close the program.
3. In *Windows Explorer*, browse to the location on your hard drive where you unzipped [FV Set1.zip](#).
4. Right-click the [Flat Vector Set 1](#) folder, then choose **Copy** from the context menu.
5. Browse to `C:\Program Files (x86)\Universal Remote Control, Inc\URC Accelerator 2\Clients\Android Tablet\DevImages`.
6. Right-click anywhere in the DevImages window, then choose **Paste** from the context menu. The [Flat Vector Set 1](#) folder copies to the [DevImages](#) folder.
7. Run Accelerator 2.
8. To access the Flat Vector icons in *Accelerator 2 Step 14 – Themes & Graphics*, click the **Browse (...)** button in the Gallery panel.



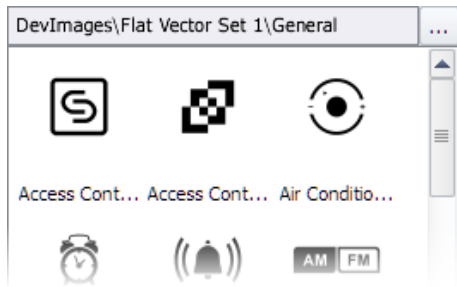
The **Select Folder** panel displays.



9. In the **Select Folder** panel, click on the Expand (+) icon beside **Flat Vector Set 1** to expand the directory tree.



10. Click on **General** (or any folder) listed under **Flat Vector Set 1**, then click the **Select** button.
11. The **Flat Vector Set 1** General icons display, and are now available for use in Accelerator 2.



## Replace the Default Icons with Flat Vector Icons

Another method of using the Flat Vector icons is to replace the default Main Menu icons entirely. This method gives you fewer icon choices, but it helps to ensure that the icons you use are always similar in style. Icon files also tend to display faster in the Accelerator 2 gallery using this method.

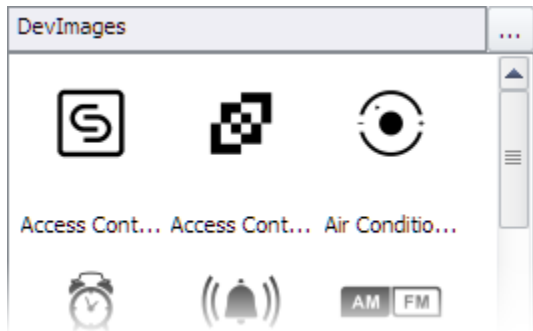
Accelerator 2 stores the default set of Main Menu icons in a file on your hard drive called [DevImage.vfd](#). The file is located at [C:\Program Files \(x86\)\Universal Remote Control, Inc\URC Accelerator 2\Clients\Android Tablet\DevImages\](#). Accelerator 2 looks for a VFD file in this folder and uses it as the default icon set. To use a different icon set, you must move [DevImage.vfd](#) to another folder on your hard drive and then put another icon set in its place.

The steps in these procedures describe using Flat Vector Icons Set 1, but you can use the same steps with any icon set in Accelerator 2.

### To replace the Default Icons with the Flat Vector Icons:

1. Save any open files in *Accelerator 2* and then close the program.
2. In *Windows Explorer*, locate the folder on your hard drive where you unzipped [FV Set1.zip](#)., which should be named [Flat Vector Set 1](#), then open the [General](#) folder.
3. Inside the [General](#) folder, click on any file to highlight it, press **CTRL+A** to highlight all files in the folder, then press **CTRL+C** to copy the files to the Windows Clipboard.
4. Browse to [C:\Program Files \(x86\)\Universal Remote Control, Inc\URC Accelerator 2\Clients\Android Tablet\DevImages](#).
5. Right-click anywhere in the [DevImages](#) folder window, then choose **New > Folder** from the context menu.
6. Type [Original Icons](#), then press **Enter**.
7. Drag the [DevImage.vfd](#) file into the [Original Icons](#) folder.
8. If there are any additional folders inside the [DevImages](#) folder, such as folders from the Total Control Expansion Pack, drag them into the [Original Icons](#) folder.
9. Right-click anywhere in the [DevImages](#) folder window, then choose **Paste** from the context menu. Flat Vector Icons Set 1 is added to the [DevImages](#) folder.
10. Browse back to the [Flat Vector Set 1](#) folder.
11. Click the [Brands](#) folder to select it, then press the **CTRL** key while you click any additional folders you want to use, except [General](#). Release **CTRL**, then press **CTRL+C** to copy the folders to the Windows Clipboard.
12. Browse to [C:\Program Files \(x86\)\Universal Remote Control, Inc\URC Accelerator 2\Clients\Android Tablet\DevImages](#).
13. Right-click anywhere in the [DevImages](#) folder window, then choose **Paste** from the context menu. Additional folders of Flat Vector Icons Set 1 are added to the [DevImages](#) folder.

14. Run Accelerator 2. The new icon set has now replaced the default Main Menu icon set in *Accelerator 2 Step 14 – Themes & Graphics*.  
*The General icons are now available in the top level of the **DevImages** folder, and are ready for automatic selection by the Editor and Custom Device Drivers. Additional icons are located in folders inside the **DevImages** folder.*



## Changing the Colors of Flat Vector Icons

You can easily change the colors of the icons in Flat Vector Icons Set 1 to display any colors that your client wants.



This section is a guide for graphics novices who want to make simple color changes to icons without purchasing or learning complex programs like Photoshop or GIMP.

**Note:** This procedures here only provide instructions for basic color changes. If you are familiar with graphics software, you can use the graphics editor you are most comfortable with to make any changes you need. Advanced graphics users can also work with the included Core Set, which contains black icons on a transparent background.

### Using Photopea in Google Chrome

The color-editing procedures in this guide use Photopea, a web-based image editor, to adjust the colors of the Flat Vector icons. After editing each icon, you will need to save the newly colorized file to your computer.

Since Photopea is an online editor, saving a file is the same as downloading a file from a website. By default, Google Chrome saves each downloaded file with its existing filename to a folder named Downloads. This does not allow you to easily name the file with the correct Hex color extension.

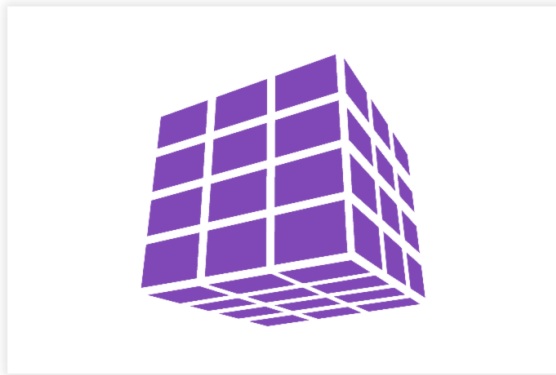
To give each file the correct name, you will need to set your Chrome browser settings to allow you to choose a filename and location for each downloaded file.

#### To change download settings in Google Chrome:

1. Choose **Customize and Control Google Chrome**.
2. Choose **Settings**. The **Settings** page displays.
3. At the bottom of the page, click **Advanced**. Additional options appear.
4. Click **Ask where to save each file before downloading** to turn it on.

## Colorize an Icon on a White Background

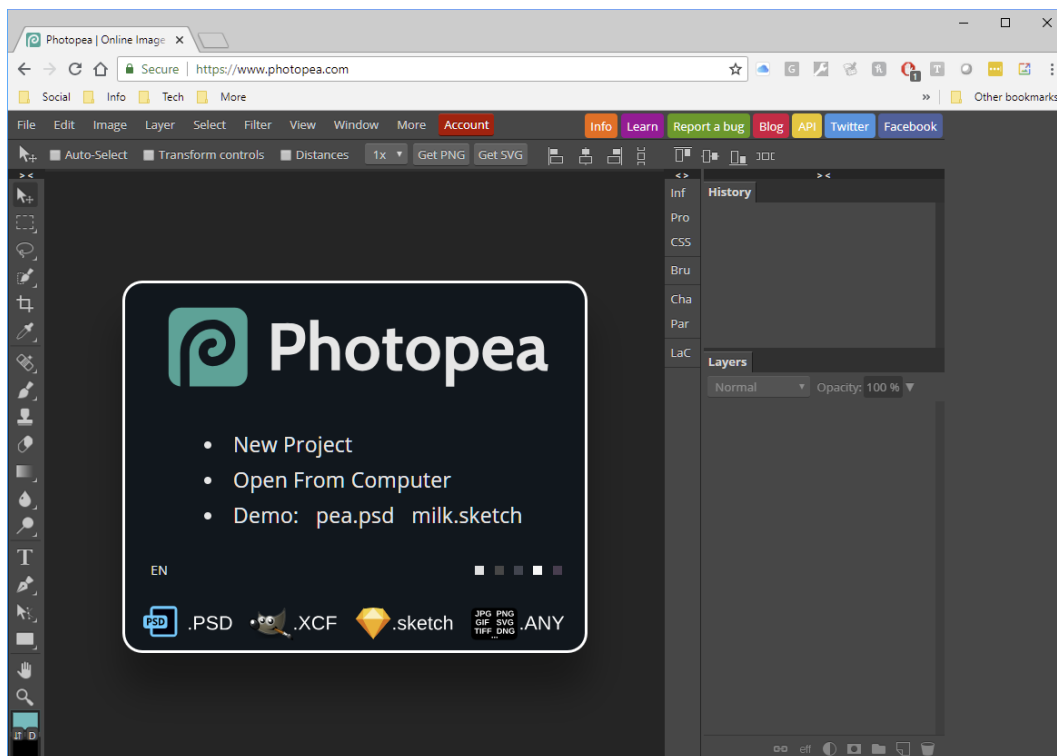
These steps walk you through using Photopea to edit a Set 1 icon to create a color-on-white icon, similar to the icons in Set 5.



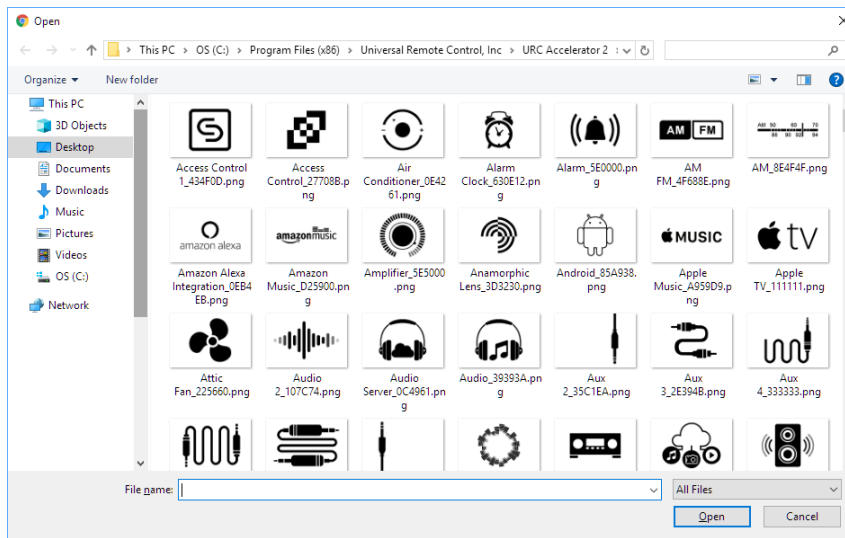
Although the steps list specific values for some of the settings, feel free to use any values you prefer. If you are creating a set of icons, they will look best together if you coordinate the colors of all the icons in the set you are editing.

### To Edit an Icon's Color:

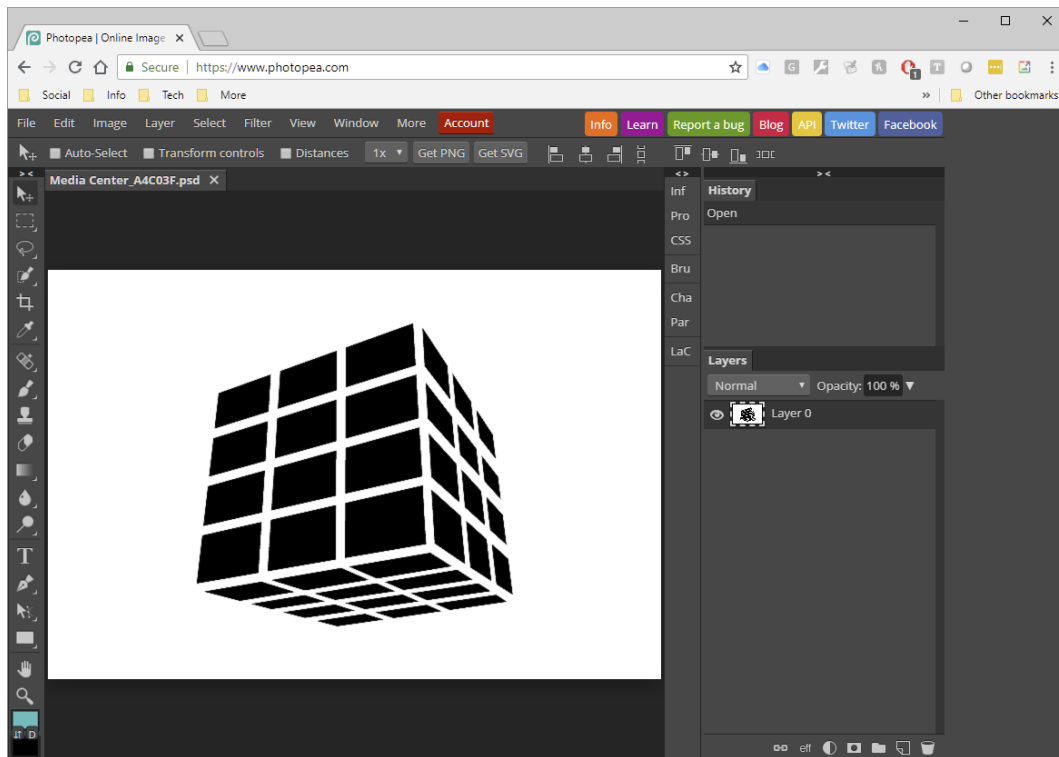
1. In your web browser, go to [www.Photopea.com](https://www.photopea.com) to open **Photopea**.



2. Choose **File > Open**. The **Open** window displays.

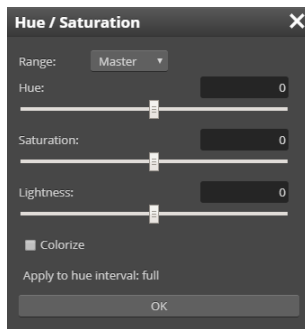


3. In the **Open** window, browse to the folder where you saved the Set 1 icons, then double-click the icon file you want to edit. The icon file displays in Photopea.

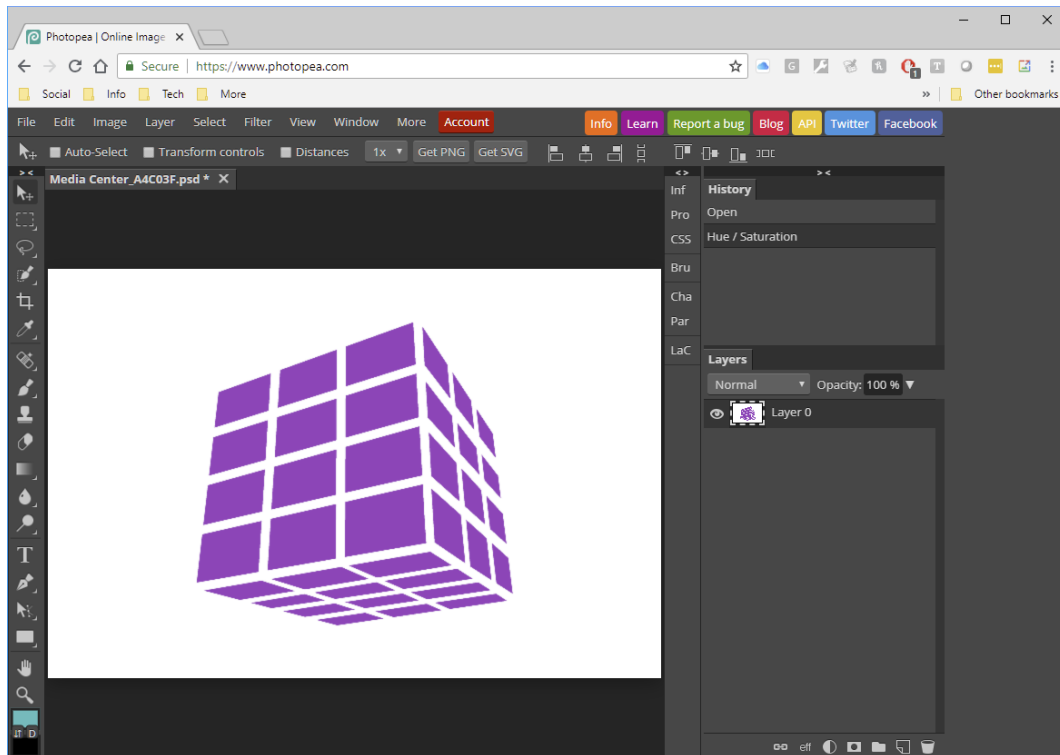




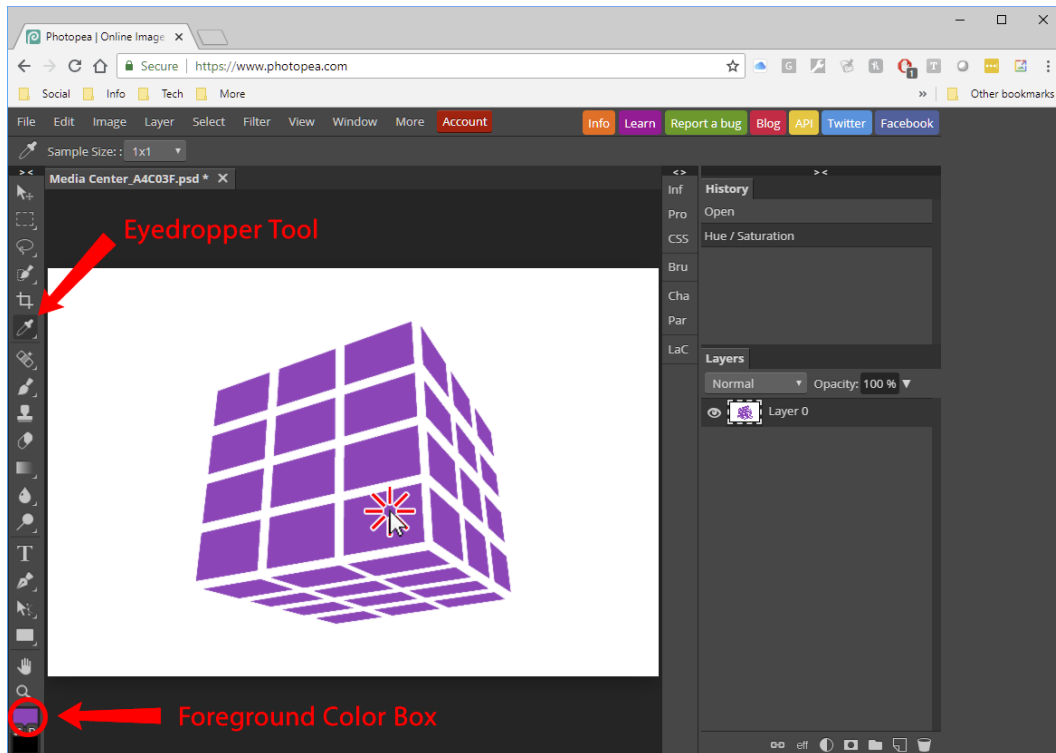
4. Choose **Image > Adjustments > Hue / Saturation**. The **Hue/Saturation** window displays.



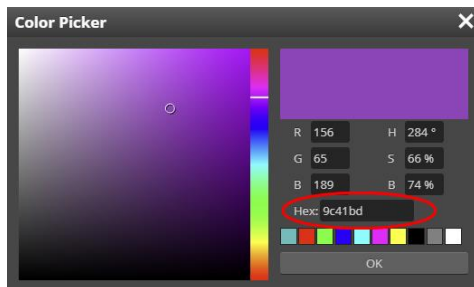
5. Select the **Colorize** option.
6. Set **Saturation** to 50.
7. Set **Lightness** to 50
8. Set **Hue** to your desired color for this icon.
9. Click **OK**. The icon displays in your desired color.



10. Select the **Eyedropper** tool, then click on a color area of the icon. A sample of the color appears in the **Foreground Color** box.



11. Click the **Foreground Color** box. The **Color Picker** window displays.

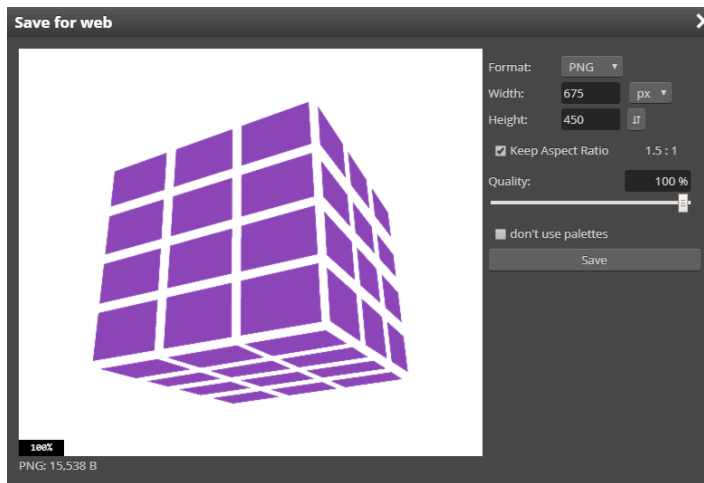


12. Remember the value in the **Hex** field.

**Note:** This Hexadecimal value sets the color behind the icon label on the Total Control main menu, as well as setting the color of several other user interface elements. You will add this value to the file name of the icon in a later step.

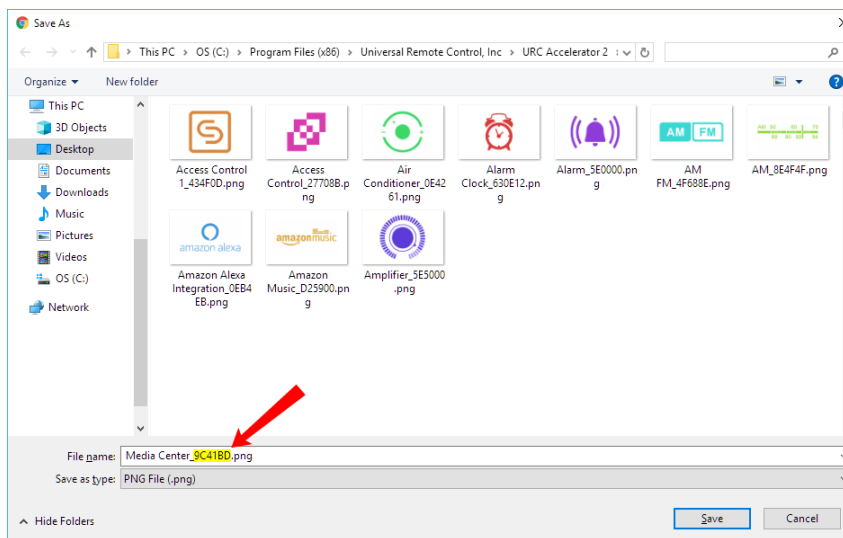
13. Click **OK** to close the **Color Picker** window.

14. Choose **File > Export As > PNG**. The **Save for Web** window displays.



15. In the **Save for Web** window, click **Save**. (If you are using the Microsoft Edge browser, also click the up arrow next to **Save**, then click **Save As**.)

16. The **Save As** window displays. Browse to the folder where you want to save your edited file.



17. In the **File Name** box, edit the file name to replace the existing Hex value with the hex value you remembered earlier.

18. Click **Save**. Your icon is now ready.

## Make an Icon White and Colorize its Background

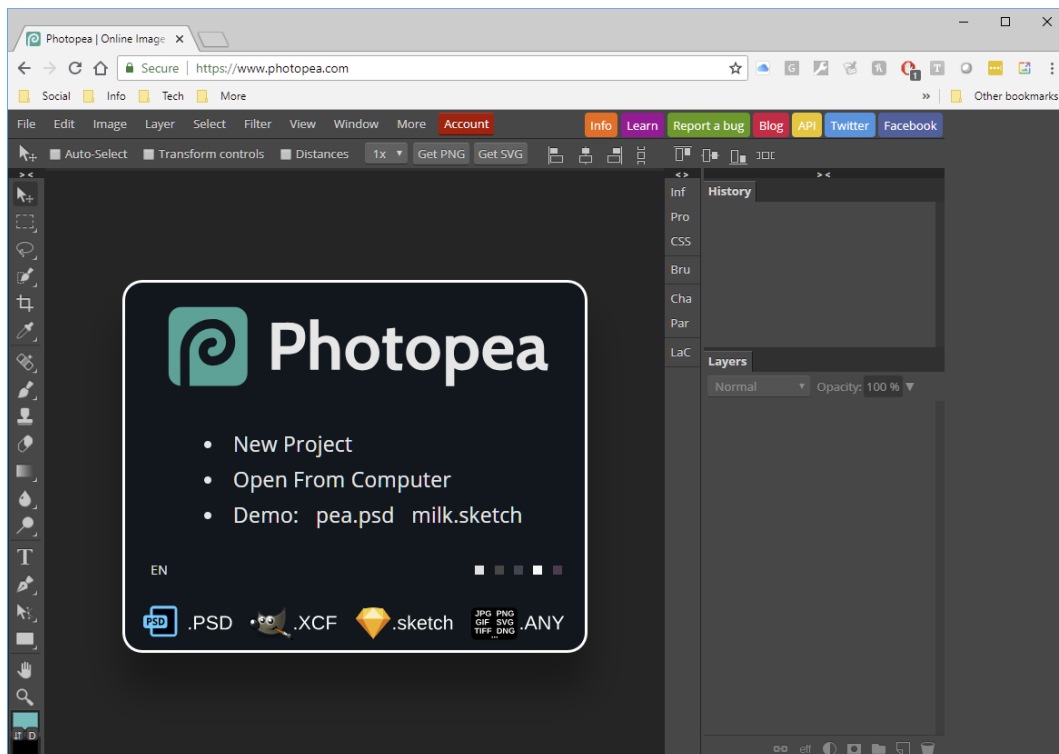
These steps walk you through using Photopea to edit a Set 1 icon to create a white-on-color icon. Flat Vector Icon Set 3 contains a full set of icons in this style but the following steps let you choose your own colors if you prefer a different color palette.



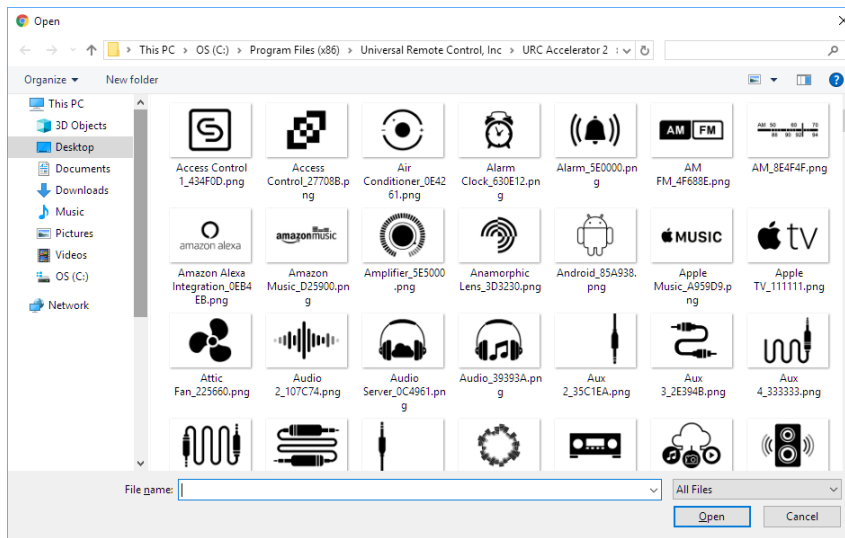
Although the steps list specific values for some of the settings, feel free to use any values you prefer. If you are creating a set of icons, they will look best together if you coordinate the colors of all the icons in the set you are editing.

### To Edit an Icon's Color:

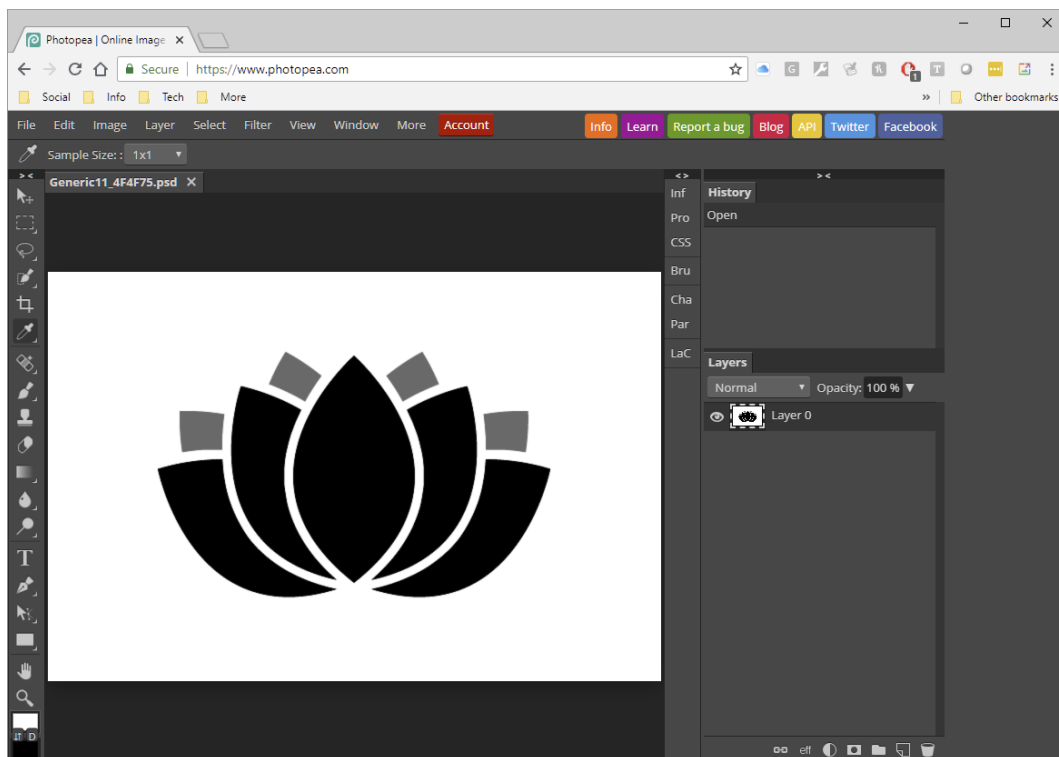
1. In your web browser, go to [www.Photopea.com](https://www.photopea.com) to open **Photopea**.



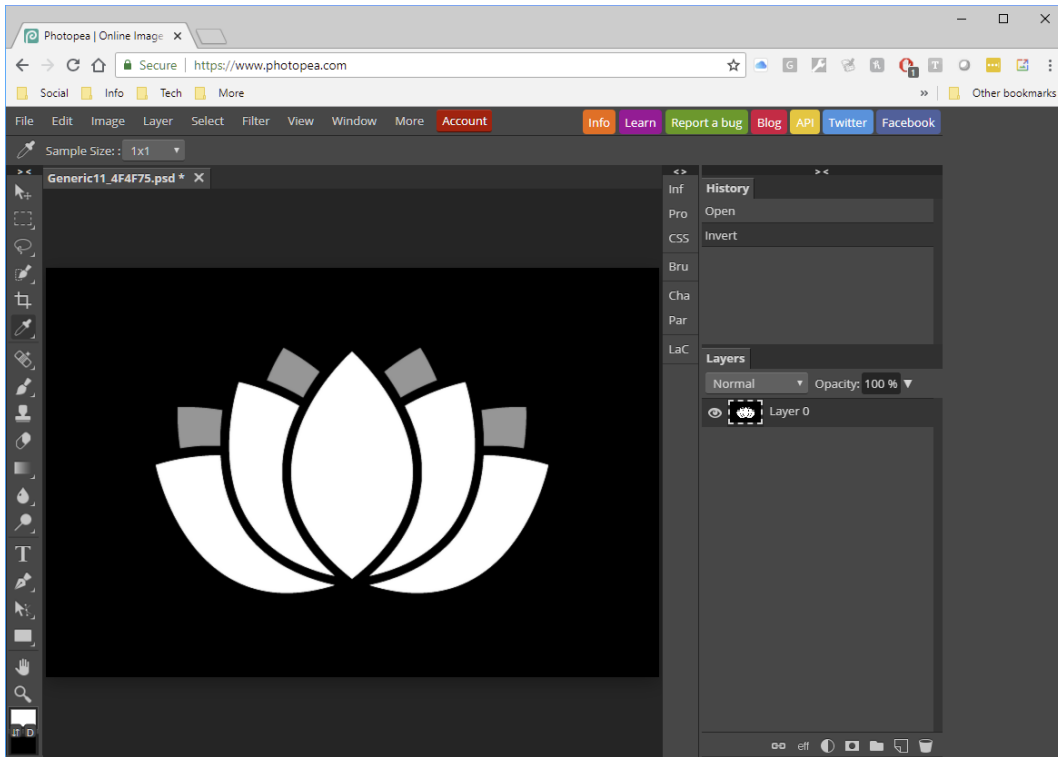
2. Choose **File > Open**. The **Open** window displays.



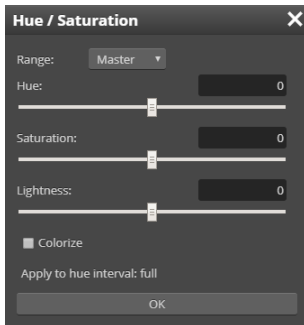
3. In the **Open** window, browse to the folder where you saved the Set 1 icons, then double-click the icon file you want to edit. The icon file displays in Photopea.



4. Choose **Image > Adjustments > Invert**. The icon image switches to white-on-black.

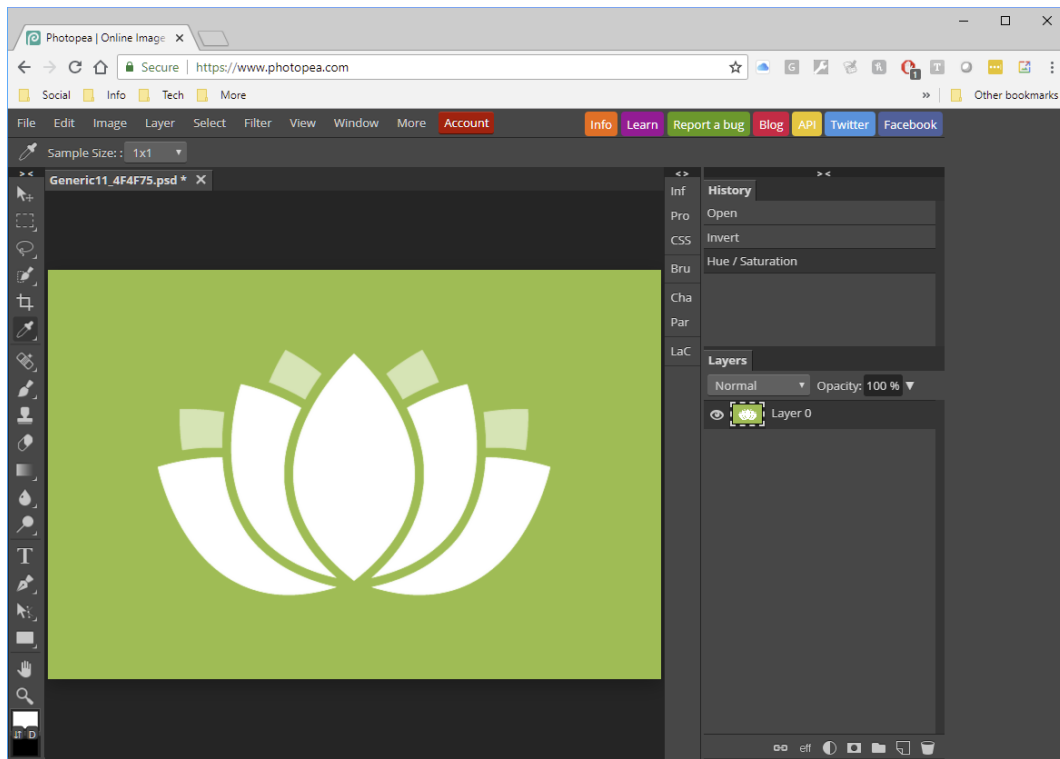


5. Choose **Image > Adjustments > Hue / Saturation**. The **Hue/Saturation** window displays.

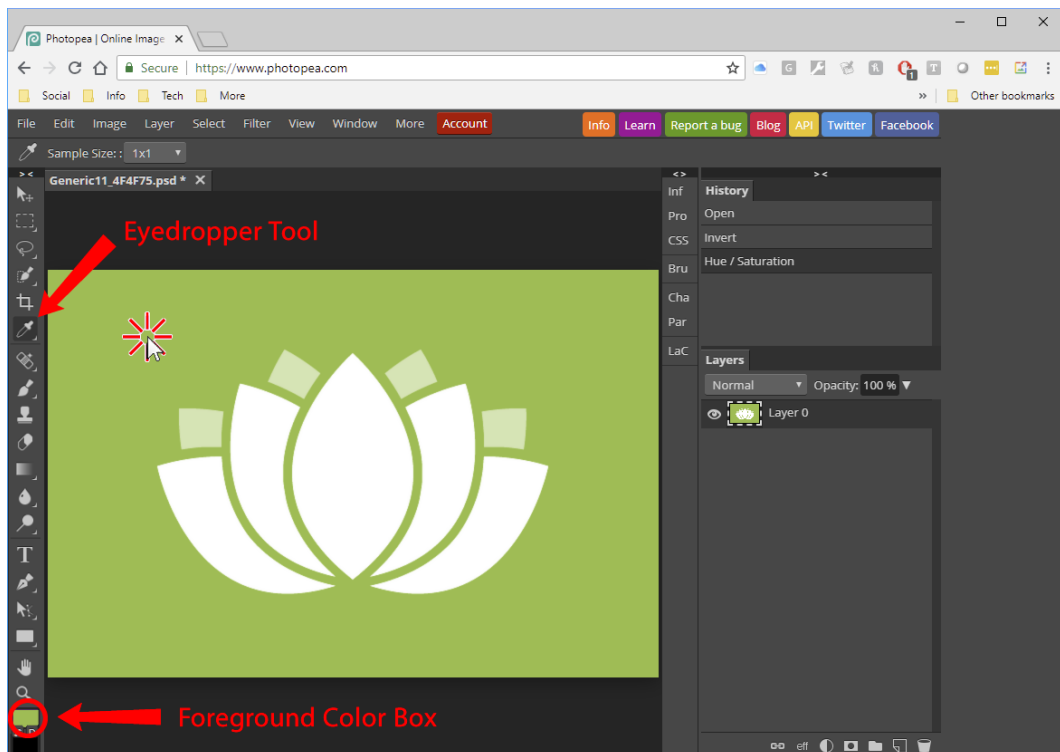


6. Select the **Colorize** option.
7. Set **Saturation** to 50.
8. Set **Lightness** to 50
9. Set **Hue** to your desired color for this icon.

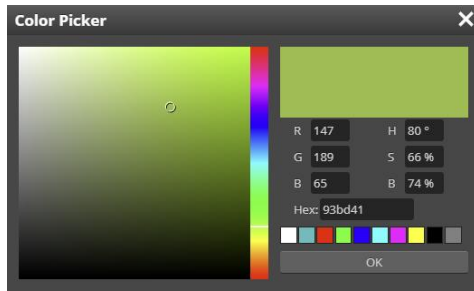
10. Click **OK**. The icon displays in your desired color.



11. Select the **Eyedropper** tool, then click on a color area of the icon. A sample of the color appears in the **Foreground Color** box.

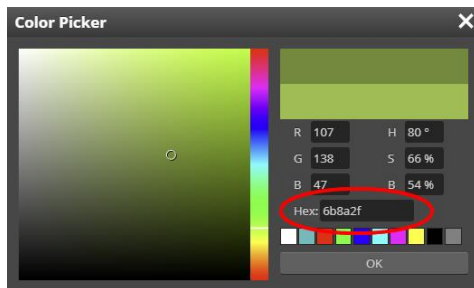


12. Click the **Foreground Color** box. The **Color Picker** window displays.

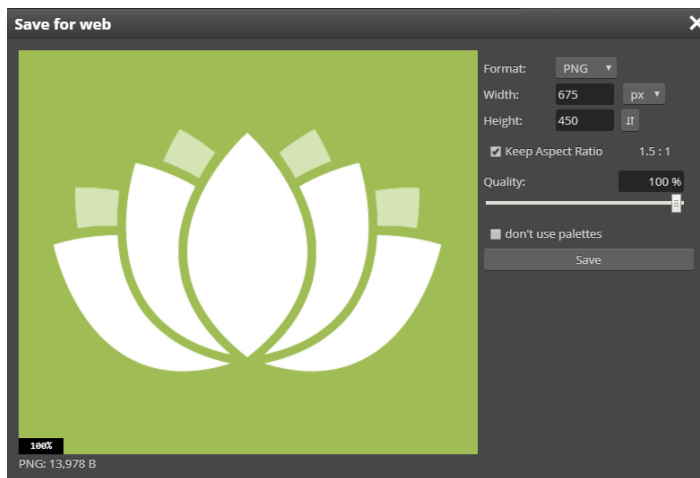


13. Reduce the B (Brightness) setting to approximately 20 less than its current setting. (This step establishes a good label area color for Total Control Main Menu icons.)
14. Click the value in the **Hex** field to update it. Remember the new value in the **Hex** field.

**Note:** This Hexadecimal value sets the color behind the icon label on the Total Control main menu, as well as setting the color of several other user interface elements. You will add this value to the file name of the icon in a later step.



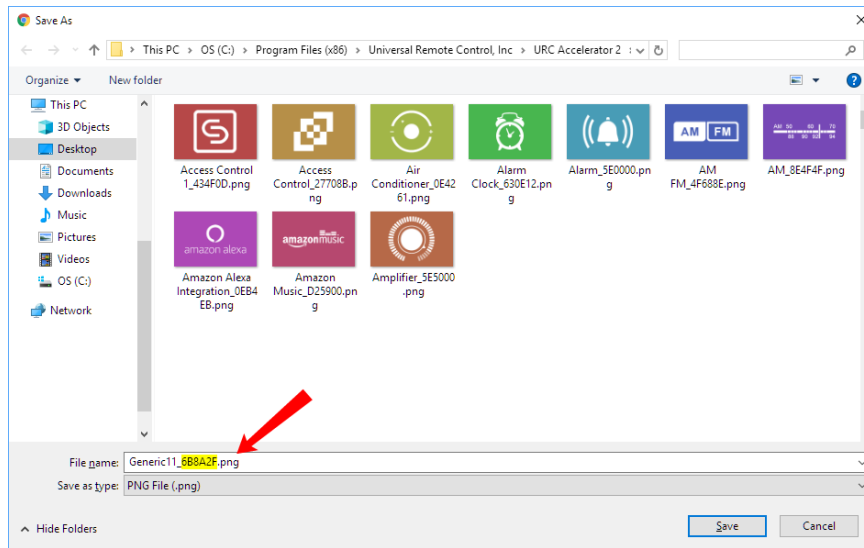
15. Click **OK** to close the **Color Picker** window.
16. Choose **File > Export As > PNG**. The **Save for Web** window displays.



17. In the **Save for Web** window, click **Save**. (If you are using the Microsoft Edge browser, also click the up arrow next to **Save**, then click **Save As**.)



18. The **Save As** window displays. Browse to the folder where you want to save your edited file.

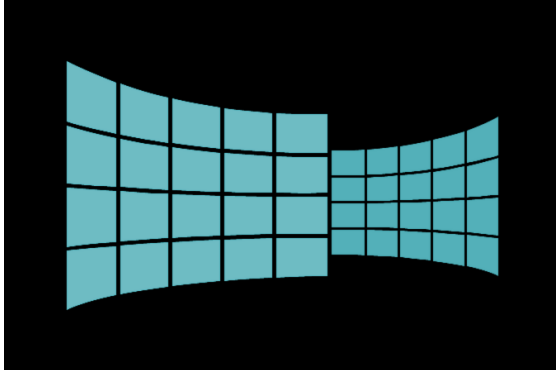


19. In the **File Name** box, edit the file name to replace the existing Hex value with the Hex value you remembered earlier.

20. Click **Save**. Your icon is now ready.

## Colorize an Icon on a Black Background

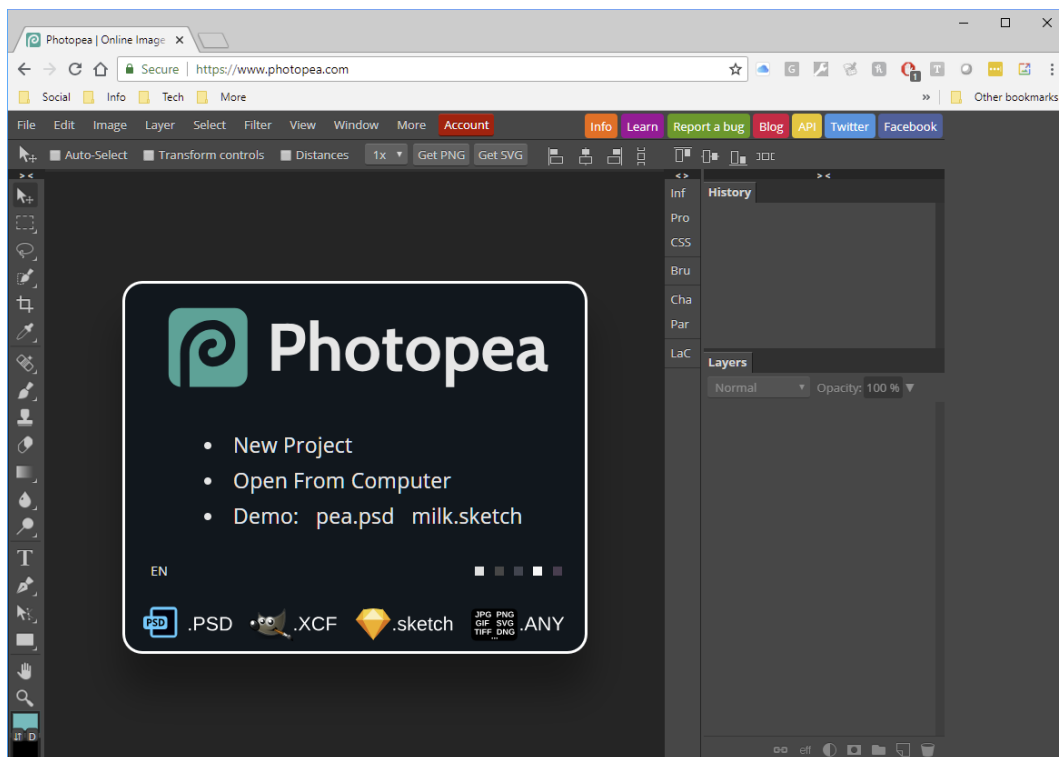
These steps walk you through using Photopea to edit a Set 1 icon to create a color-on-black icon.



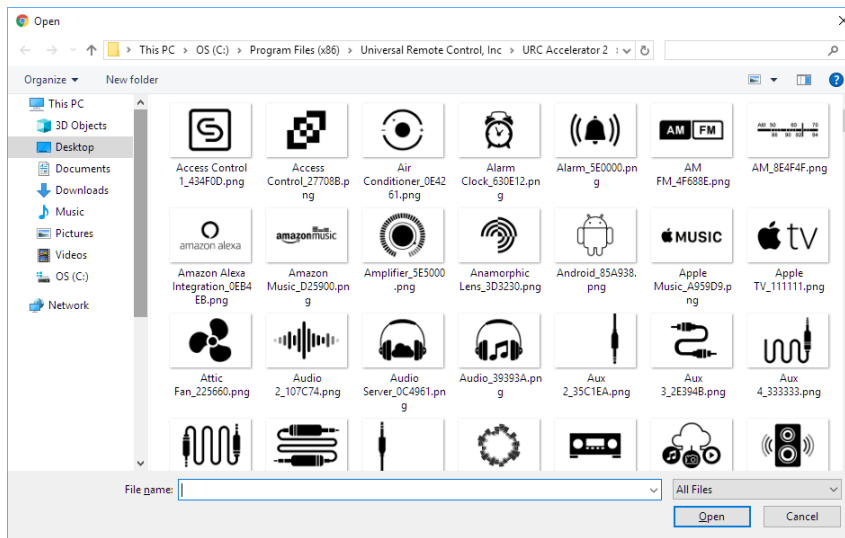
Although the steps list specific values for some of the settings, feel free to use any values you prefer. If you are creating a set of icons, they will look best together if you coordinate the colors of all the icons in the set you are editing.

### To Edit an Icon's Color:

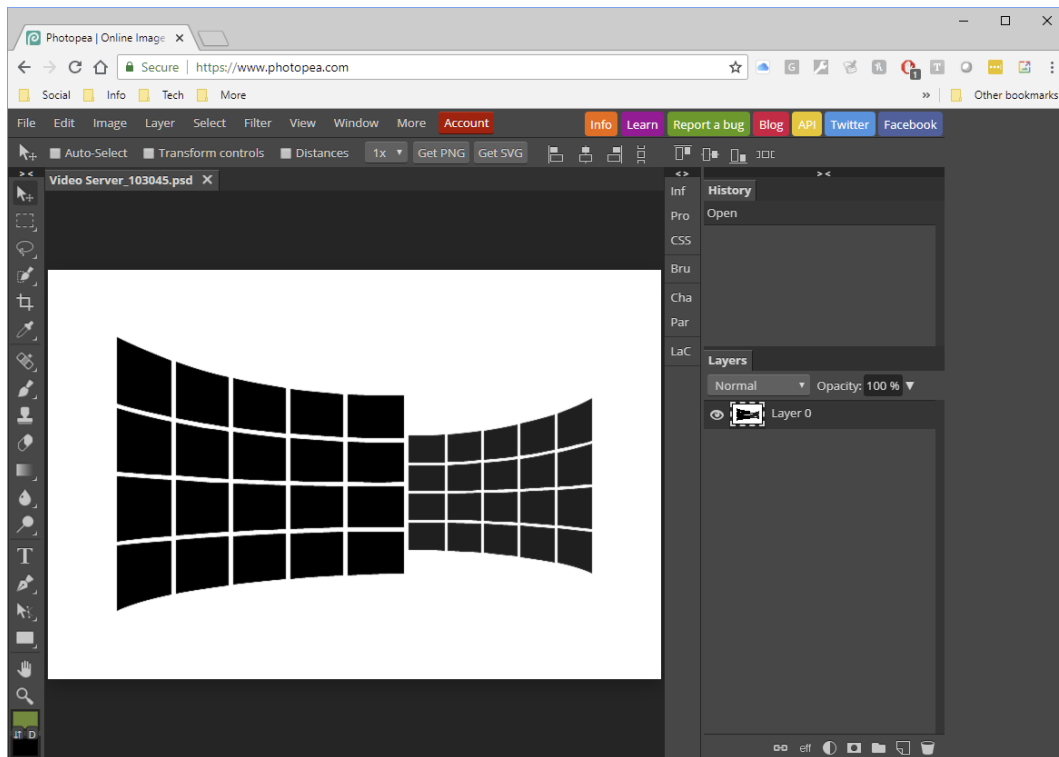
1. In your web browser, go to [www.Photopea.com](https://www.Photopea.com) to open **Photopea**.



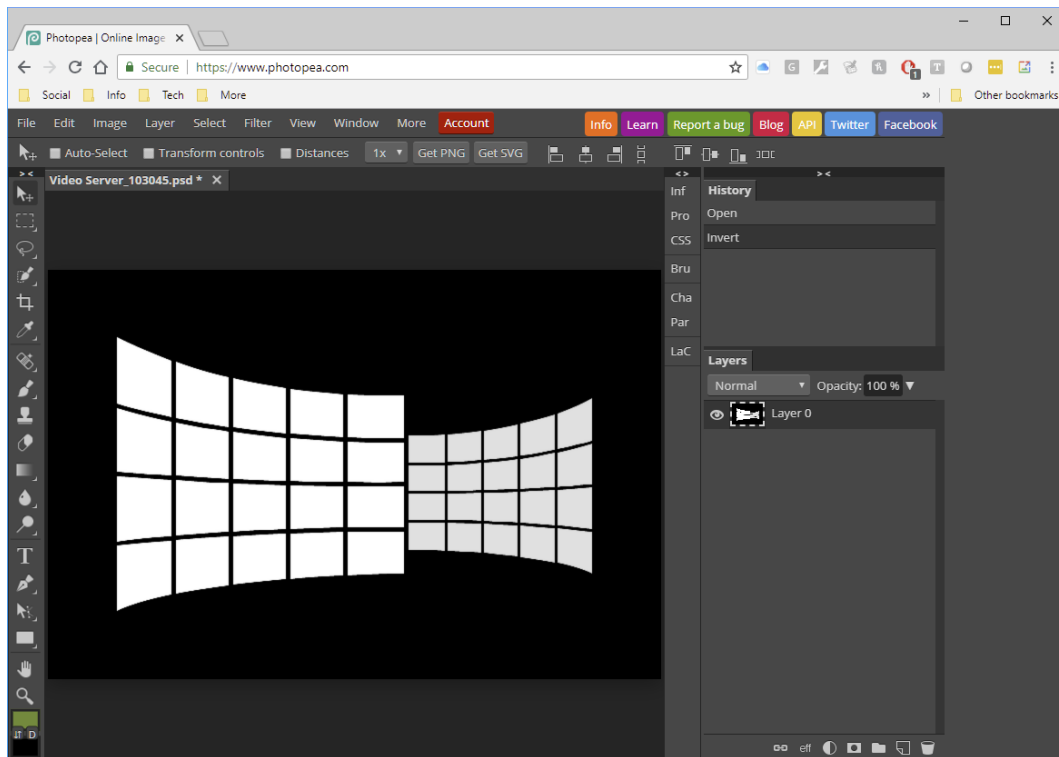
2. Choose **File > Open**. The **Open** window displays.



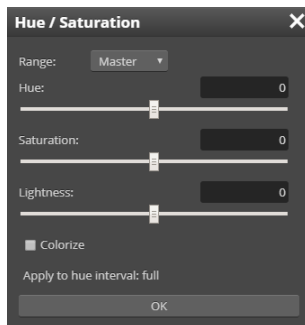
3. In the **Open** window, browse to the folder where you saved the Set 1 icons, then double-click the icon file you want to edit. The icon file displays in Photopea.



4. Choose **Image > Adjustments > Invert**. The icon image switches to white-on-black.

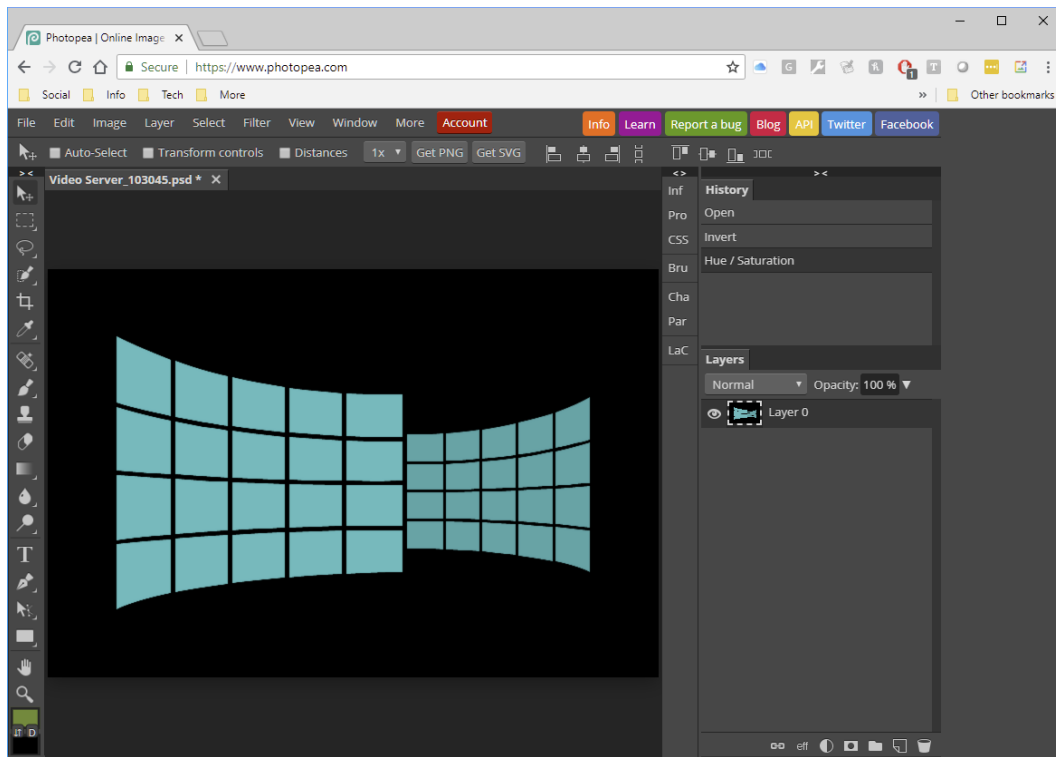


5. Choose **Image > Adjustments > Hue / Saturation**. The **Hue/Saturation** window displays.

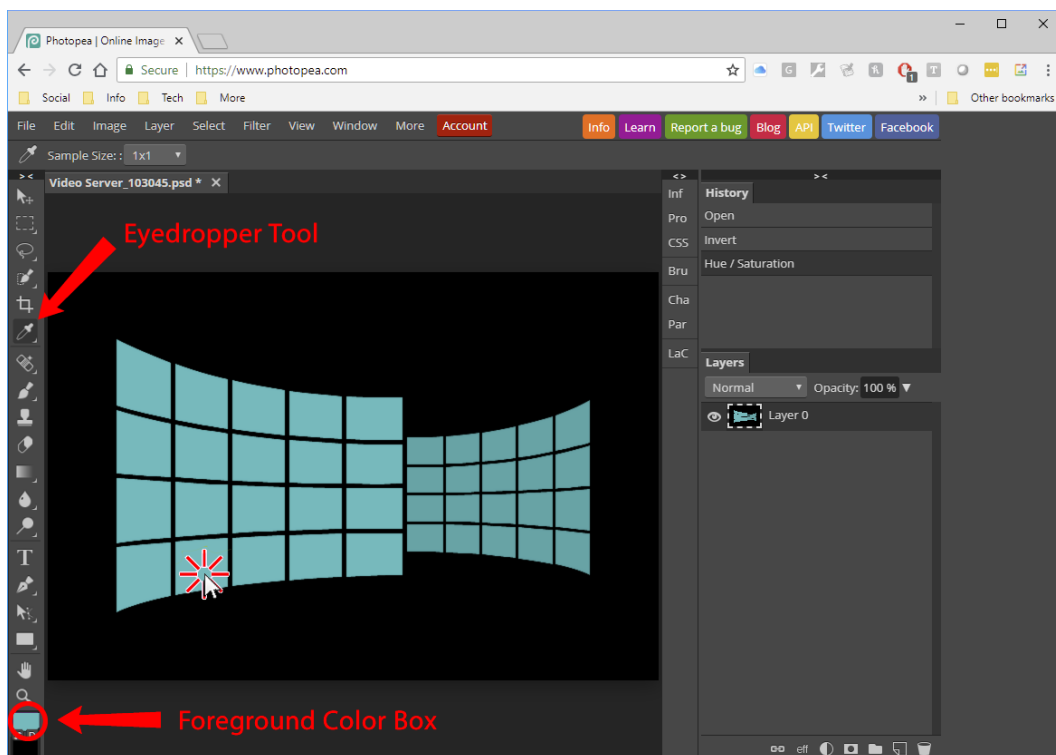


6. Select the **Colorize** option.
7. Set **Saturation** to 50.
8. Set **Lightness** to -50 (*negative 50*).
9. Set **Hue** to your desired color for this icon.

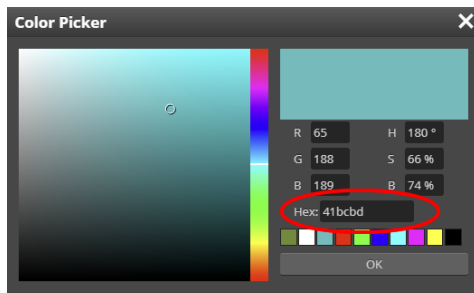
10. Click **OK**. The icon displays in your desired color.



11. Select the **Eyedropper** tool, then click on a color area of the icon. A sample of the color appears in the **Foreground Color** box.



12. Click the **Foreground Color** box. The **Color Picker** window displays.

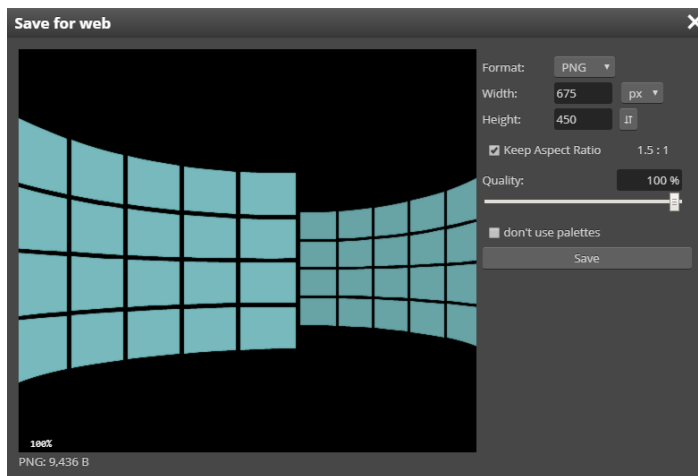


13. Remember the value in the **Hex** field.

**Note:** This Hexadecimal value sets the color behind the icon label on the Total Control main menu, as well as setting the color of several other user interface elements. You will add this value to the file name of the icon in a later step.

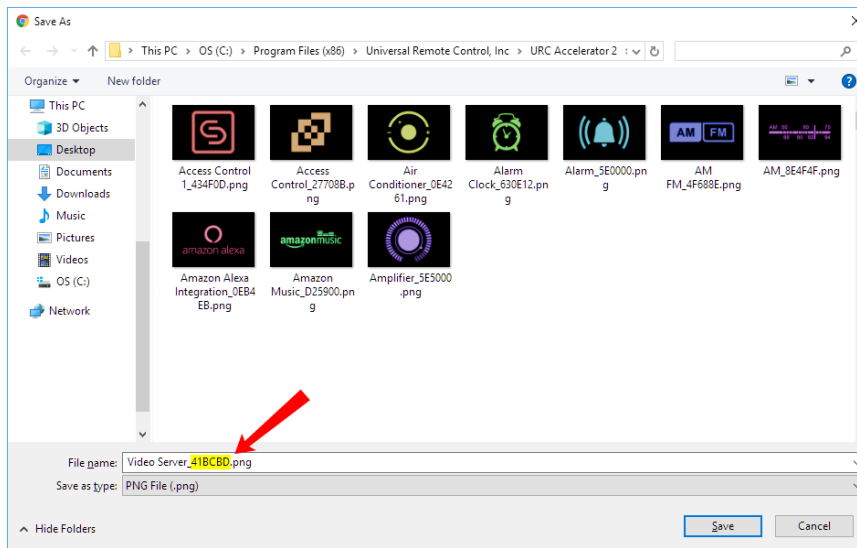
14. Click **OK** to close the **Color Picker** window.

15. Choose **File > Export As > PNG**. The **Save for Web** window displays.



16. In the **Save for Web** window, click **Save**. (If you are using the Microsoft Edge browser, also click the up arrow next to **Save**, then click **Save As**.)

17. The **Save As** window displays. Browse to the folder where you want to save your edited file.



18. In the **File Name** box, edit the file name to replace the existing Hex value with the hex value you remembered earlier.

19. Click **Save**. Your icon is now ready.

## Coordinating Icon Colors

In most cases, if colors are randomly picked, they will not look very good together on a touch screen. When graphic artists design a group of icons for a project, they make sure that the various colors all work together visually. The procedures in this document tell you how to change icon colors individually, but if you want to add that extra bit of polish to your touch screen layouts, consider using these sets of coordinating colors together.

The values here include both the Hue / Saturation / Lightness values for Photopea and the Hex values that are commonly used for websites and graphics applications.

### Grays

Hue: 180	Hue: 180	Hue: 180	Hue: 180	Hue: 180	Hue: 180
Saturation: 0	Saturation: 0	Saturation: 0	Saturation: 0	Saturation: 0	Saturation: 0
Lightness: 76	Lightness: 67	Lightness: 59	Lightness: 51	Lightness: 43	Lightness: 35
Hex: C1C1C1	Hex: ACACAC	Hex: 979797	Hex: 828282	Hex: 6D6D6D	Hex: 585858

### Pastels

Hue: 0	Hue: 36	Hue: 79	Hue: 168	Hue: 219	Hue: 263
Saturation: 23	Saturation: 57	Saturation: 43	Saturation: 31	Saturation: 37	Saturation: 33
Lightness: 91	Lightness: 90	Lightness: 87	Lightness: 87	Lightness: 93	Lightness: 91
Hex: E9B4B4	Hex: E6B164	Hex: BEDD7D	Hex: 99DFD1	Hex: 95B4EC	Hex: B89BE8

### Fire

Hue: 45	Hue: 10	Hue: 19	Hue: 28	Hue: 37	Hue: 46
Saturation: 98	Saturation: 100	Saturation: 100	Saturation: 100	Saturation: 100	Saturation: 81
Lightness: 50	Lightness: 80	Lightness: 90	Lightness: 100	Lightness: 100	Lightness: 100
Hex: 860102	Hex: CC2200	Hex: E54900	Hex: FF7701	Hex: FF9D01	Hex: FFCD30

### Ice

Hue: 208	Hue: 201	Hue: 194	Hue: 186	Hue: 194	Hue: 195
Saturation: 15	Saturation: 23	Saturation: 42	Saturation: 83	Saturation: 67	Saturation: 34
Lightness: 78	Lightness: 72	Lightness: 61	Lightness: 69	Lightness: 61	Lightness: 73
Hex: A8B8C6	Hex: 8EA9B8	Hex: 5A8D9C	Hex: 1EA2B1	Hex: 33829B	Hex: 7AAABA

### Home

Hue: 28	Hue: 3	Hue: 27	Hue: 195	Hue: 209	Hue: 230
Saturation: 51	Saturation: 56	Saturation: 5	Saturation: 27	Saturation: 19	Saturation: 18
Lightness: 88	Lightness: 76	Lightness: 75	Lightness: 81	Lightness: 56	Lightness: 39
Hex: E1A56F	Hex: C25B56	Hex: BEB9B5	Hex: 96C0CE	Hex: 74828F	Hex: 525564

### Southwestern

Hue: 19	Hue: 192	Hue: 39	Hue: 30	Hue: 0	Hue: 182
Saturation: 82	Saturation: 90	Saturation: 78	Saturation: 66	Saturation: 50	Saturation: 40
Lightness: 90	Lightness: 96	Lightness: 100	Lightness: 90	Lightness: 93	Lightness: 65
Hex: E5642A	Hex: 19CAF4	Hex: FFBA39	Hex: E5994E	Hex: EC7777	Hex: 63A4A6

### Industry

Hue: 200	Hue: 200	Hue: 88	Hue: 96	Hue: 96	Hue: 96
Saturation: 62	Saturation: 34	Saturation: 13	Saturation: 11	Saturation: 0	Saturation: 0
Lightness: 67	Lightness: 86	Lightness: 56	Lightness: 71	Lightness: 33	Lightness: 40
Hex: 4086AA	Hex: 91C3DC	Hex: 87907D	Hex: AAB6A2	Hex: 555555	Hex: 666666

### Faded

Hue: 251	Hue: 221	Hue: 178	Hue: 80	Hue: 29	Hue: 0
Saturation: 20	Saturation: 20	Saturation: 17	Saturation: 27	Saturation: 34	Saturation: 19
Lightness: 64	Lightness: 67	Lightness: 69	Lightness: 71	Lightness: 69	Lightness: 77
Hex: 8A84A4	Hex: 8A95AC	Hex: 92AFAE	Hex: A6B685	Hex: AFA085	Hex: C5A0A0