Sun City Summerlin Photography Club Seminar

Introduction to
Image Editing with

Photopea

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Where to Find the Materials

- **Sun City Summer Computer Club Website:**
    - **https://www.scscc.club/smnr**

- **Direct Hyperlink**
    - **https://www.scscc.club/smnr/IntroductiontoPhotopea_SCSPC.pdf**

Seminar Agenda

- **Introduction**
- **Getting Started With Photopea**
- **The Photopea Main Window**
- **The Photopea Tool Palette**
- **Image Project One**
- **The Photopea Color Pane**
- **Saving / Exporting to Image Formats**
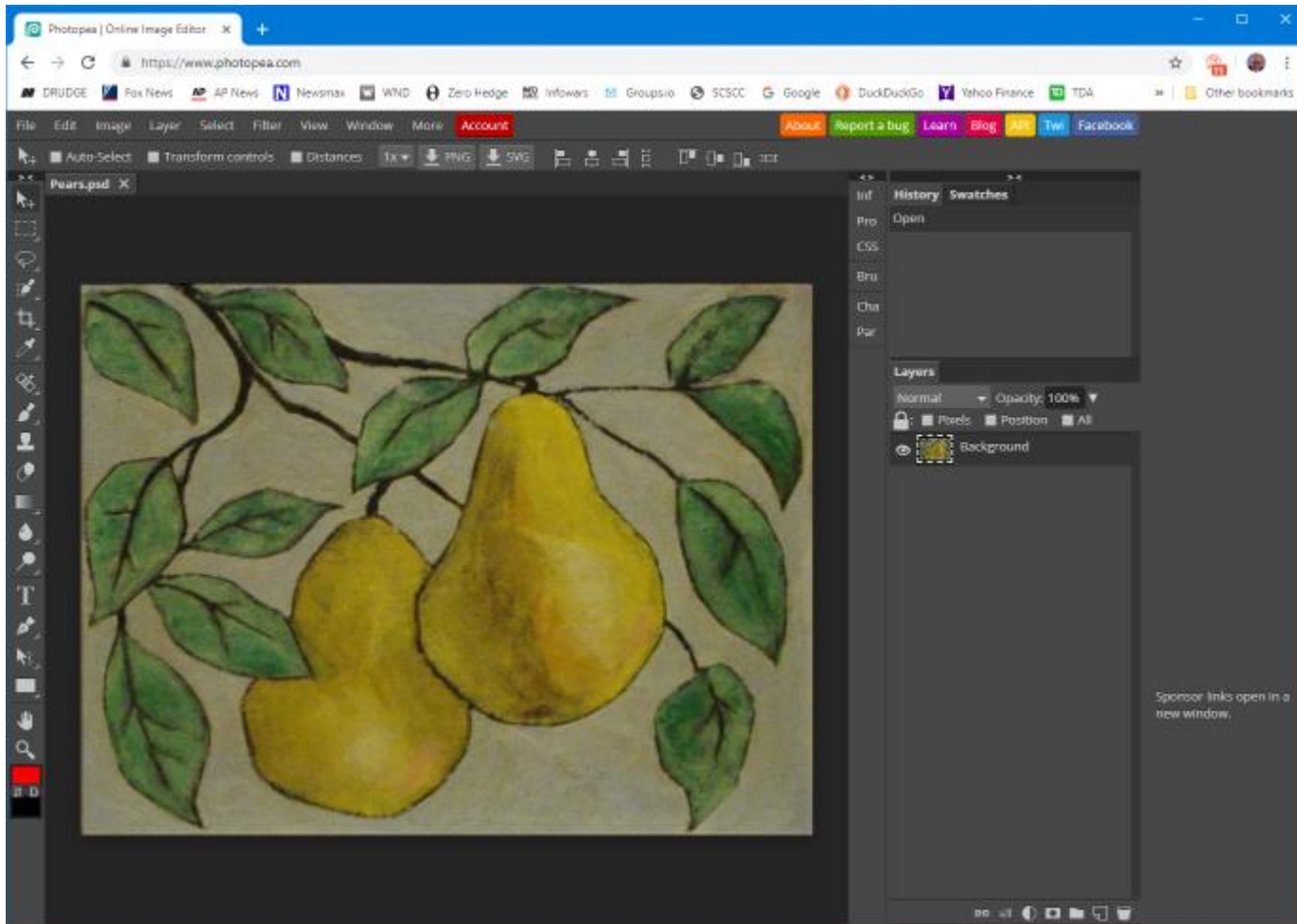- **Printing Photopea Images**

Introduction to Photopea

Introduction

- **Photopea is a FREE "open source" image editor.**
  - Entirely web-based, so works on Windows, MacOS, Linux, any device with a web browser.
  - Can run in your browser or you can "install" it.
- **Has many nice features.**
  - Can be simple but has many powerful features.
  - Very similar to Adobe Photoshop.
- **This seminar will focus on most useful features for "mere mortals".**
- **Ask your questions as we go.**
- **To demonstrate features, we'll work on one interesting photo project.**

Getting Started With Photopea

- **Go to the Photopea website: https://www.photopea.com/**

- **The Photopea main window will open (see next slide).**

- **You can click the Account button to set up a free account or to purchase a paid (add-free) account.**

- **You can click the "Learn" button to go to an online tutorial and reference guide.**

  - **If you're familiar with Photoshop or Photoshop elements, Photopea should be an easy transition.**

- **You can use the File > Open menu or the "Open From Computer" option to open an existing image file.**

- **Photopea is able to open project files from Photoshop, GIMP**

- **Photopea *saves* project information using the Photoshop (.psd) format.**

Introduction to Photopea

The Photopea Main Window

Introduction to Photopea

Photopea Tool Palette Pane

- **Hover over each tool to get a tool-tip name and secondary selection options**
- **The various tools let you select or act on areas of the image or current layer.**
- **The tools that paint or edit pixels interact closely with the color window.**
- **You can zoom in and out by pressing:**
  - **Ctrl + (in), Ctrl – (out), Ctrl 0 (actual size)**
- **Now we'll run through a demo of the most commonly used tools in Project 1 …**

Introduction to Photopea

Example Project 1 – Straightening a Photo (1)

- **Working with a photo of a painting.**
- **Suffers from perspective distortion and skew.**
- **Also is slightly over-exposed.**
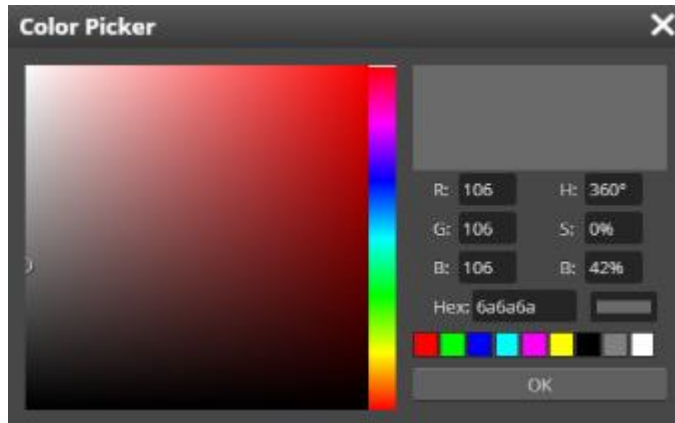

Before

After

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Example Project 1 – Straightening a Photo (2)

- **Rotate as needed (drag at corners).**
- **Crop as needed using crop tool.**
  - **May need to fill in corners after rotation.**
- **Correct Skew distortion using perspective tool**
  - **Crop again afterward.**
- **Also adjust the overall contrast of the image.**
  - **Adjust contrast & brightness.**
  - **Experiment with the Levels tool.**
- **Repair any blemishes (spots, cracks)**
  - **Caution – easy to overdo it.**
  - **Use the clone tool, healing brush or spot healing brush**
  - **Use the pencil & paintbrush if needed.**

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Photopea Color Pane

- You can set a primary and a secondary color.
- You can work in RGB or HSV.
- You can enter a hexadecimal color number (RGB).
- You will often set the color by using the eyedropper tool.
- Let's demo the color pane.

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Saving / Exporting in Various Image Formats

- **Click the File menu.**
    - A list of action choices will appear in the menu.

- **Click "Export As".**
    - This will open a classic "Save As" dialog.
    - You can choose the file name, folder and file type.
    - "Flattened" types include: .BMP, .PNG, .GIF, .JPG, .TIFF and .TGA

- **When you have the Save settings defined, click the "Export" button.**
    - Photopea will display a second dialog that is dependent on the file type, asking for more specifics. Choose the desired settings and then click OK.

- **Let's explore Exporting further… (demo).**

- **You can also *Save* the project file as a .PSD (Photoshop) file, which retains all the separate layers and actions. Use this if you are saving in the middle of working on a complex image project.**

Printing Photopea Images

- Photopea's Print function is on the File menu.
- But … You can only print to a PDF or to an image file.
- You can open the PDF file with a PDF viewer such as Adobe Reader and then print it.
- You can also open the exported final image file in your favorite other image editor or insert it into a Word document. The Windows 10/11 Photos program is good for this.
- Then use the Print function of that program to actually print the image to a printer.

Final Q and A

Final Questions and Answers

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