

BASIC Image Manipulation

For Use on Web or Print

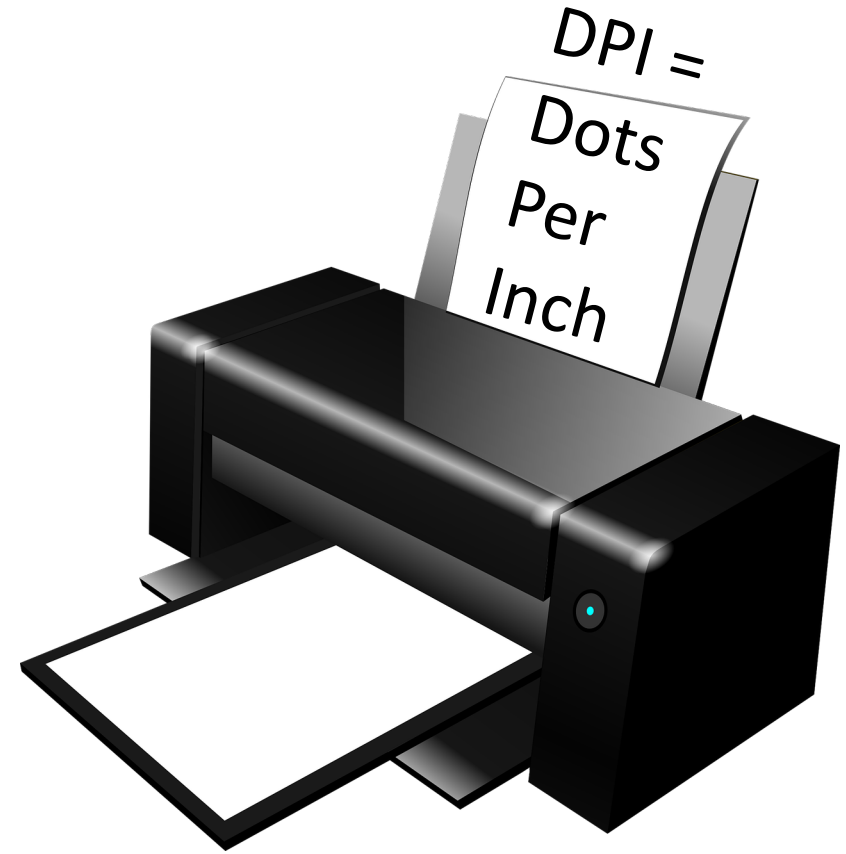
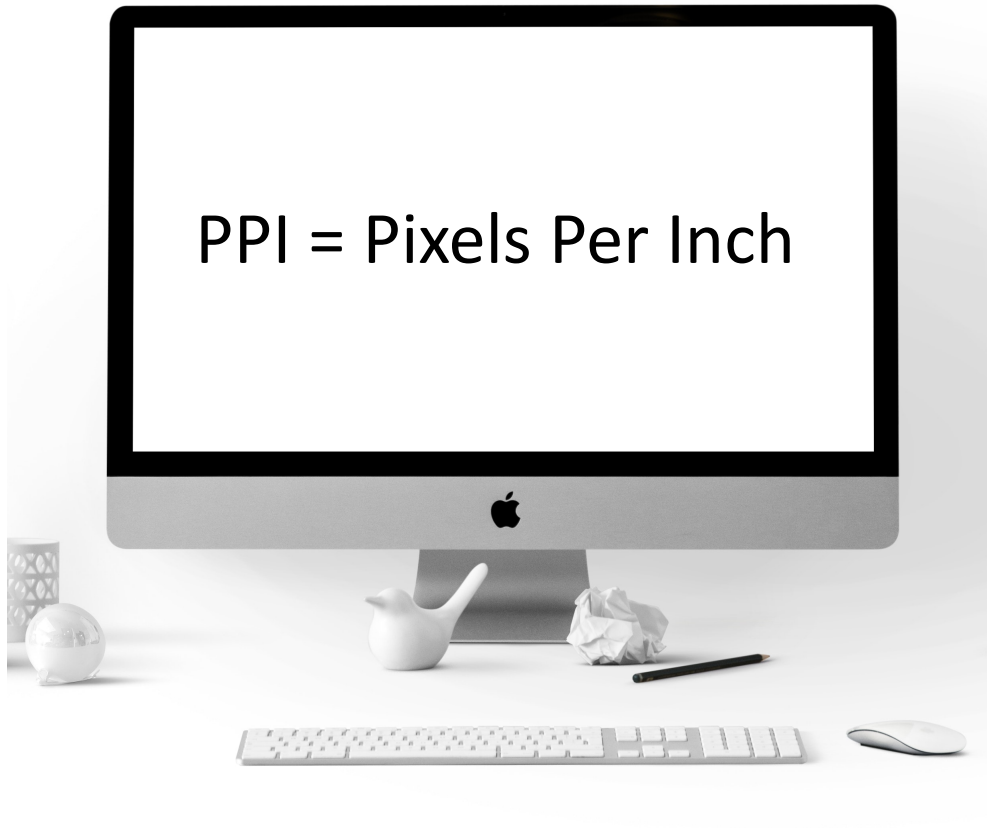
John Hammer

Image Manipulation Software

- Adobe Photoshop
 - Faculty has access to
- Sketchbook
 - Free version plus Pro version
- Gimp
- And tons of simple apps



PPI vs DPI



Making an Image Ready for Online Use

- Clean up
- Recoloring
- Cropping
- Adding text
- Exporting



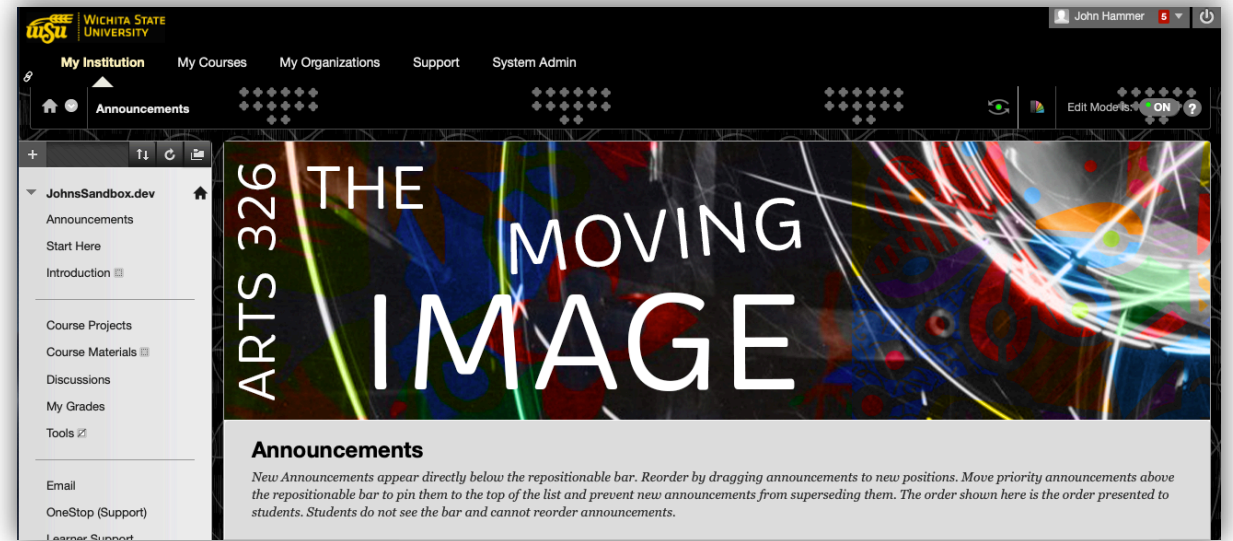
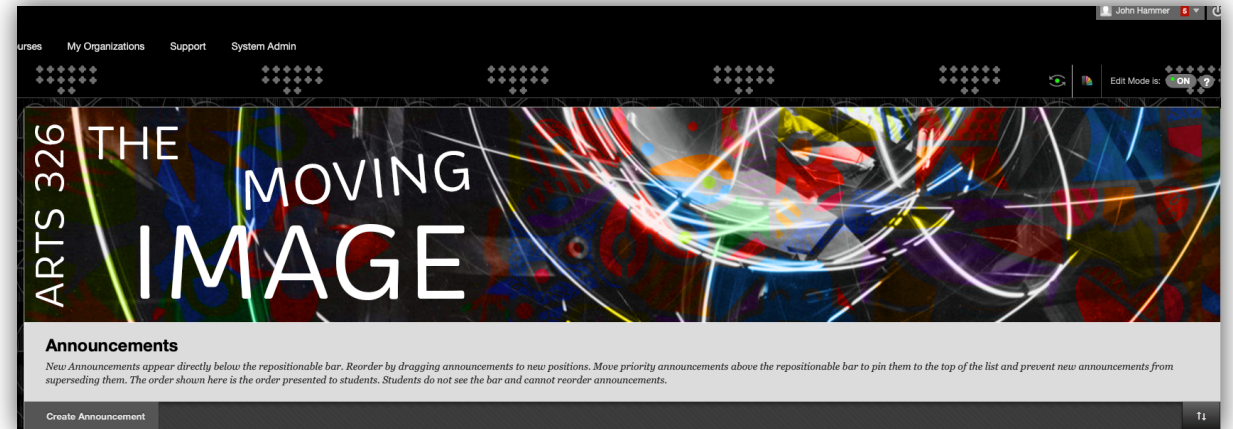
Specifically for Blackboard

- Image for Landing (Splash) Banner
 - 480 x 80 Recommended by Blackboard
- Lots of various other recommendations
 - 1000 x 150
 - 600 x 100
 - 1618 x 300



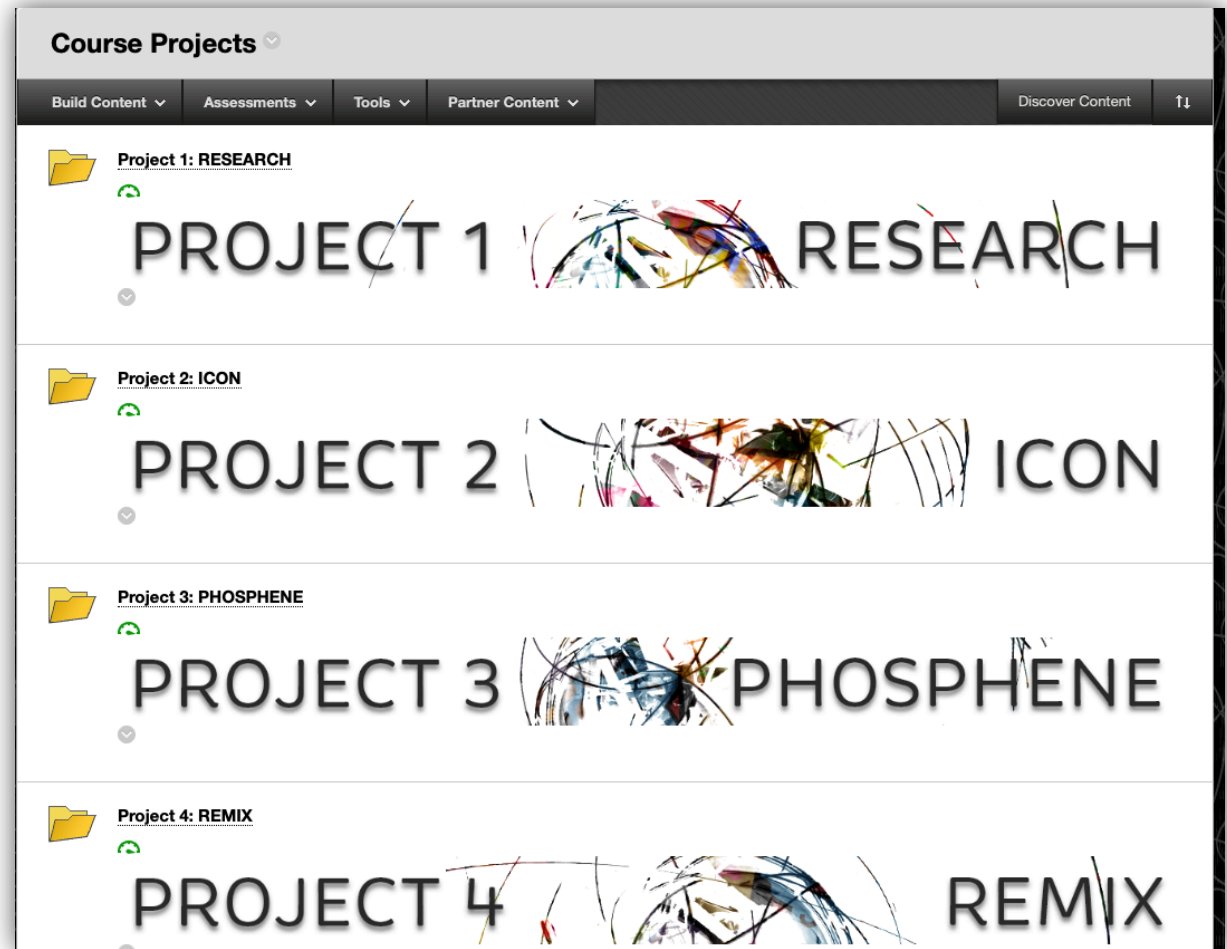
How the Splash Banner Works

- Blackboard centers the banner and then justifies left
 - I keep my important text on left side
 - No need if you use recommended size

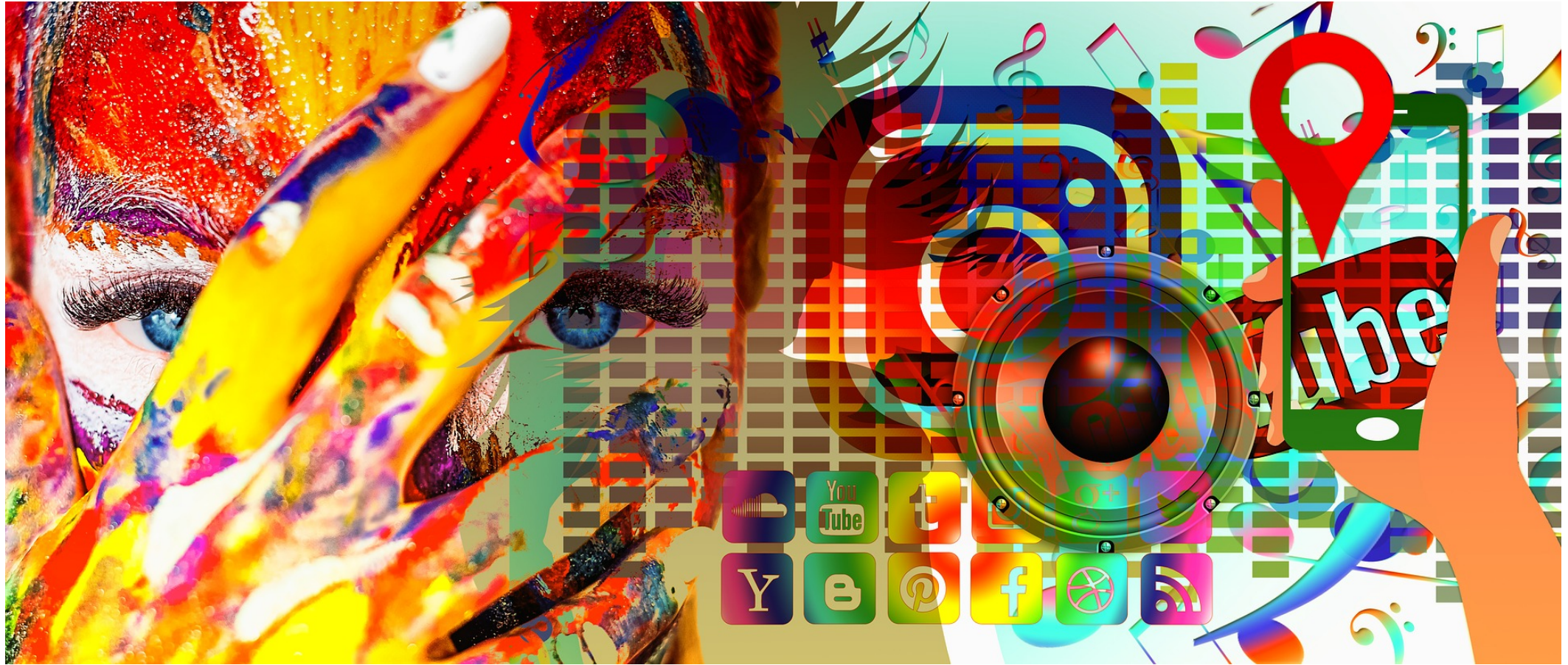


Module or Week Banner

- Blackboard will resize for screen size
 - 611 x 80
 - 1108 x 90
 - 1200 X 100
 - [EXAMPLE](#)



Photoshop Demo

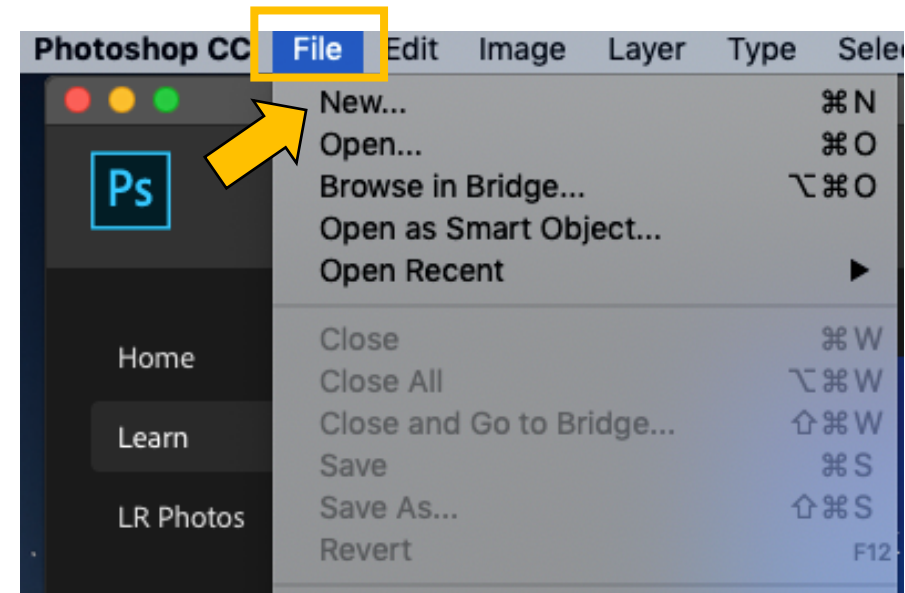
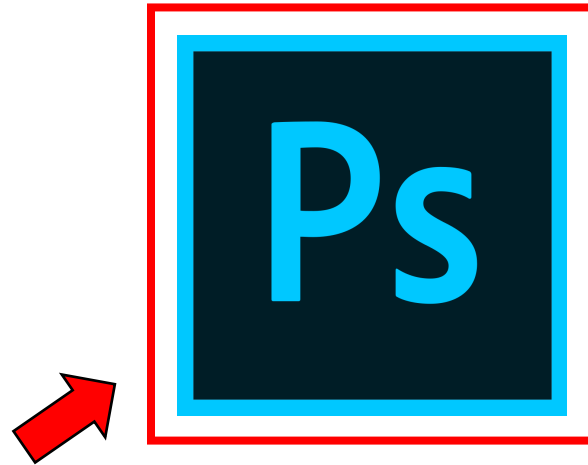


Creating a New Document (1)

1. Open up photoshop

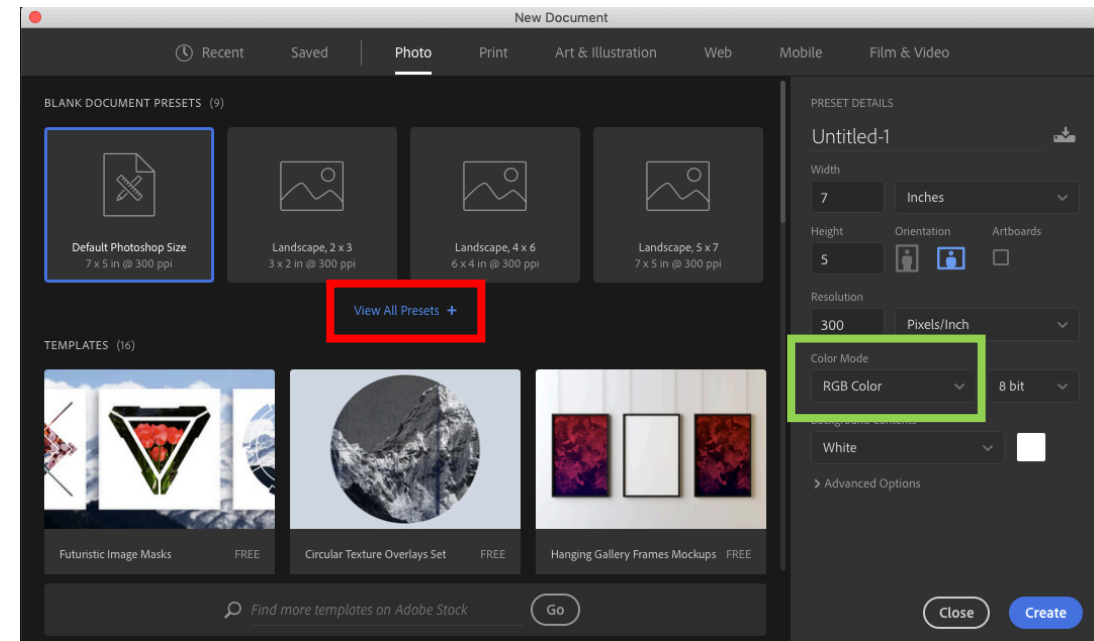
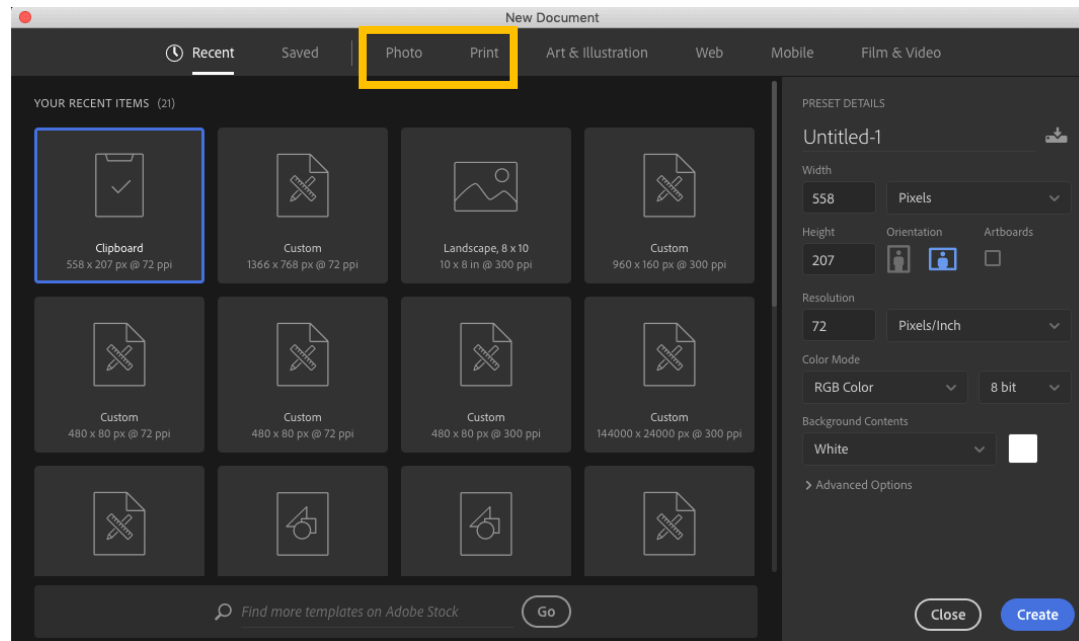
2. Create new

1. File
2. New



Creating a New Document (2)

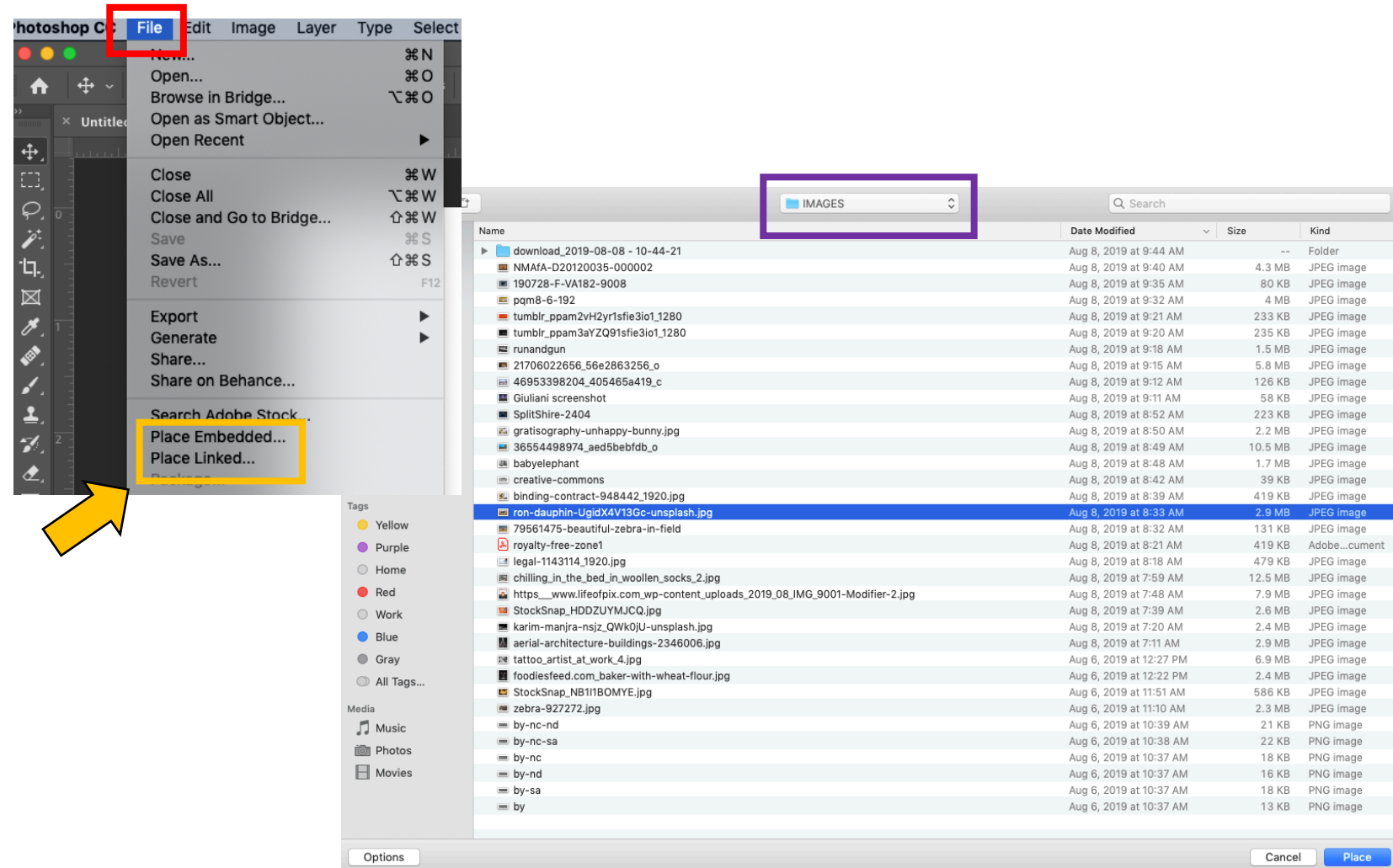
1. Print or photo
2. Preset or custom
3. Color Mode



Placing An Image to Work With (1)

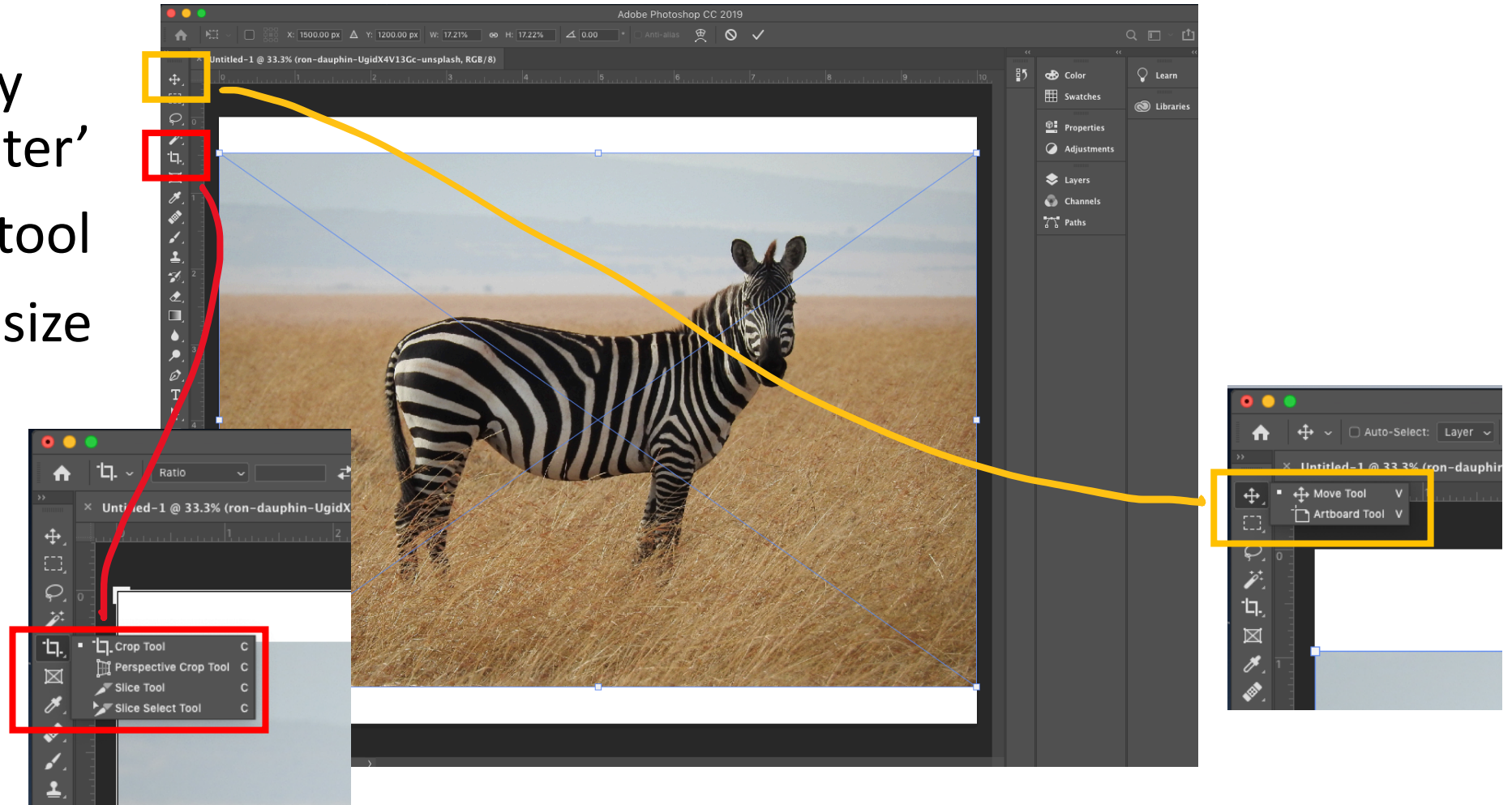
• Select File

1. Place
2. Embed vs linked
3. Select your image that you wish to use from the folder where the image lives



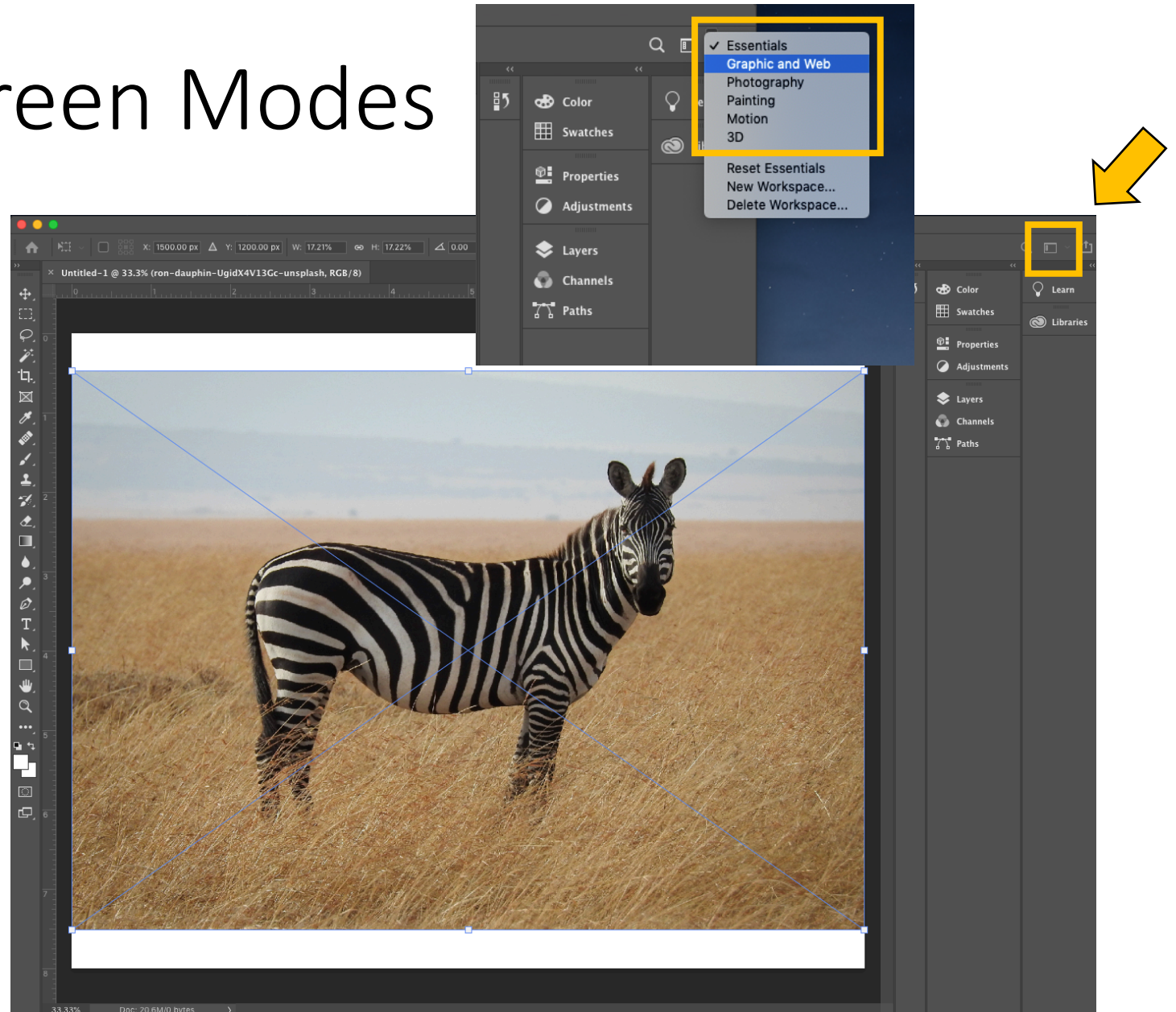
Placing An Image to Work With (2)

1. Commit by hitting 'enter'
2. Selection tool
3. Crop or resize
4. Commit



Work Screens/Screen Modes

- Work screen modes
 1. Essentials
 2. Graphic & Web



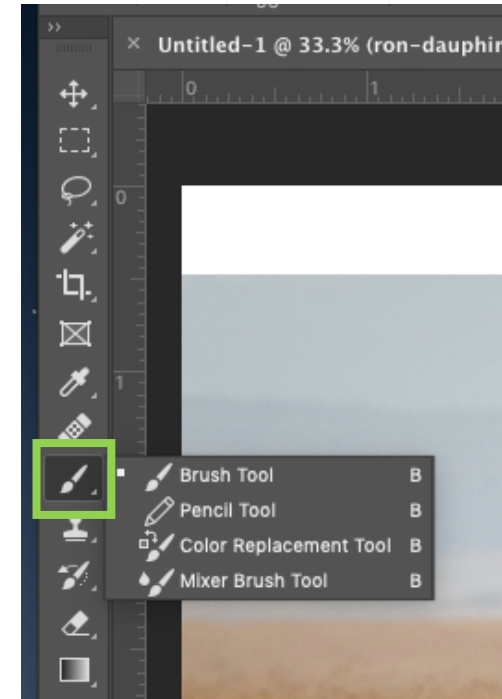
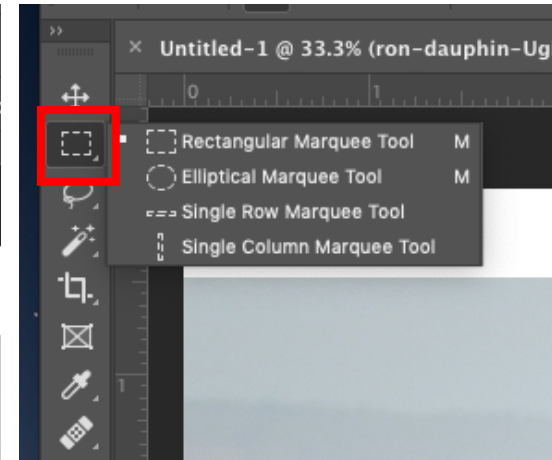
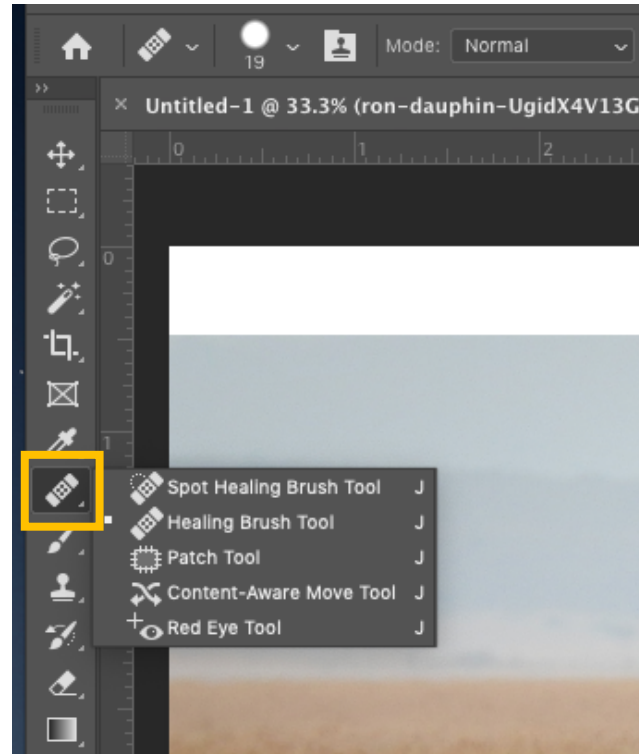
Repairing an Image

- Repair

1. Spot healing brush

2. Cut and paste

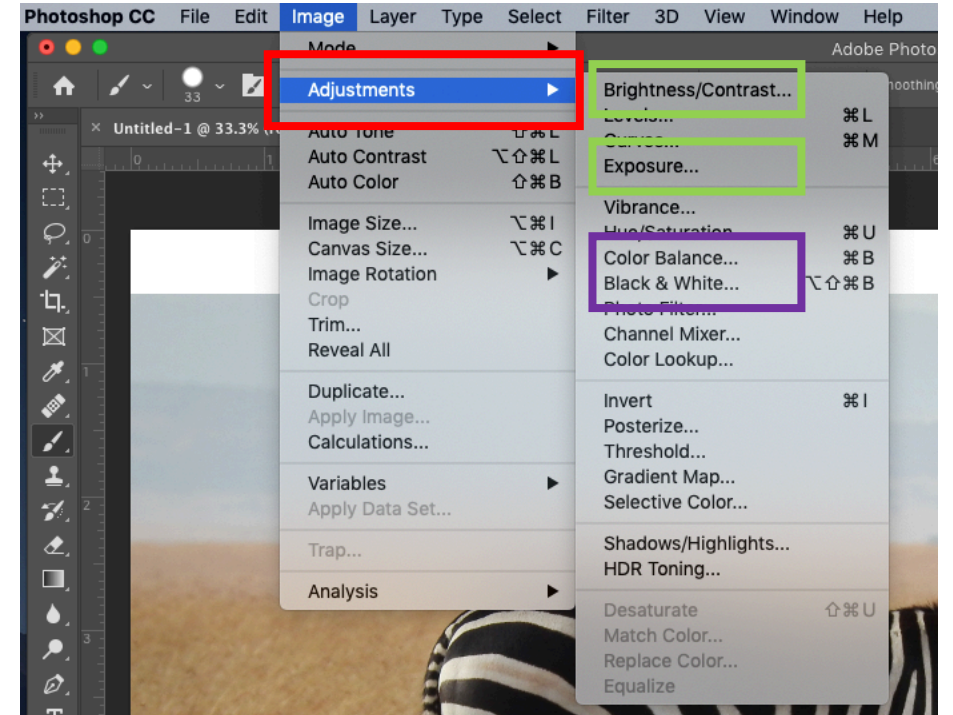
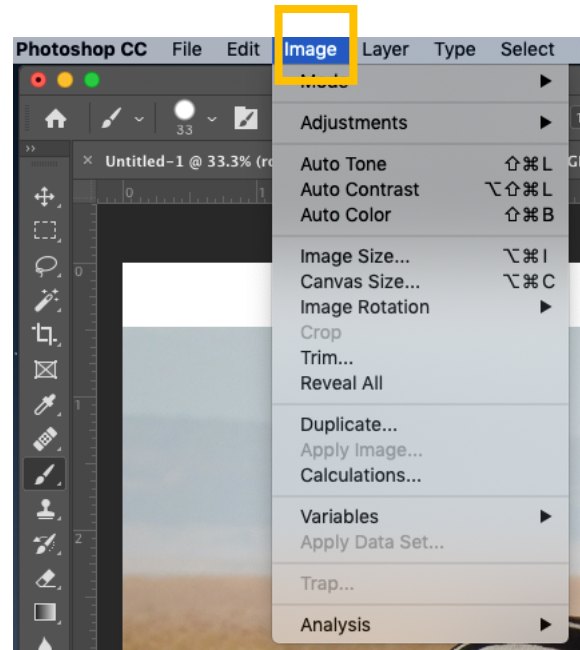
3. Brush



Color Adjustments

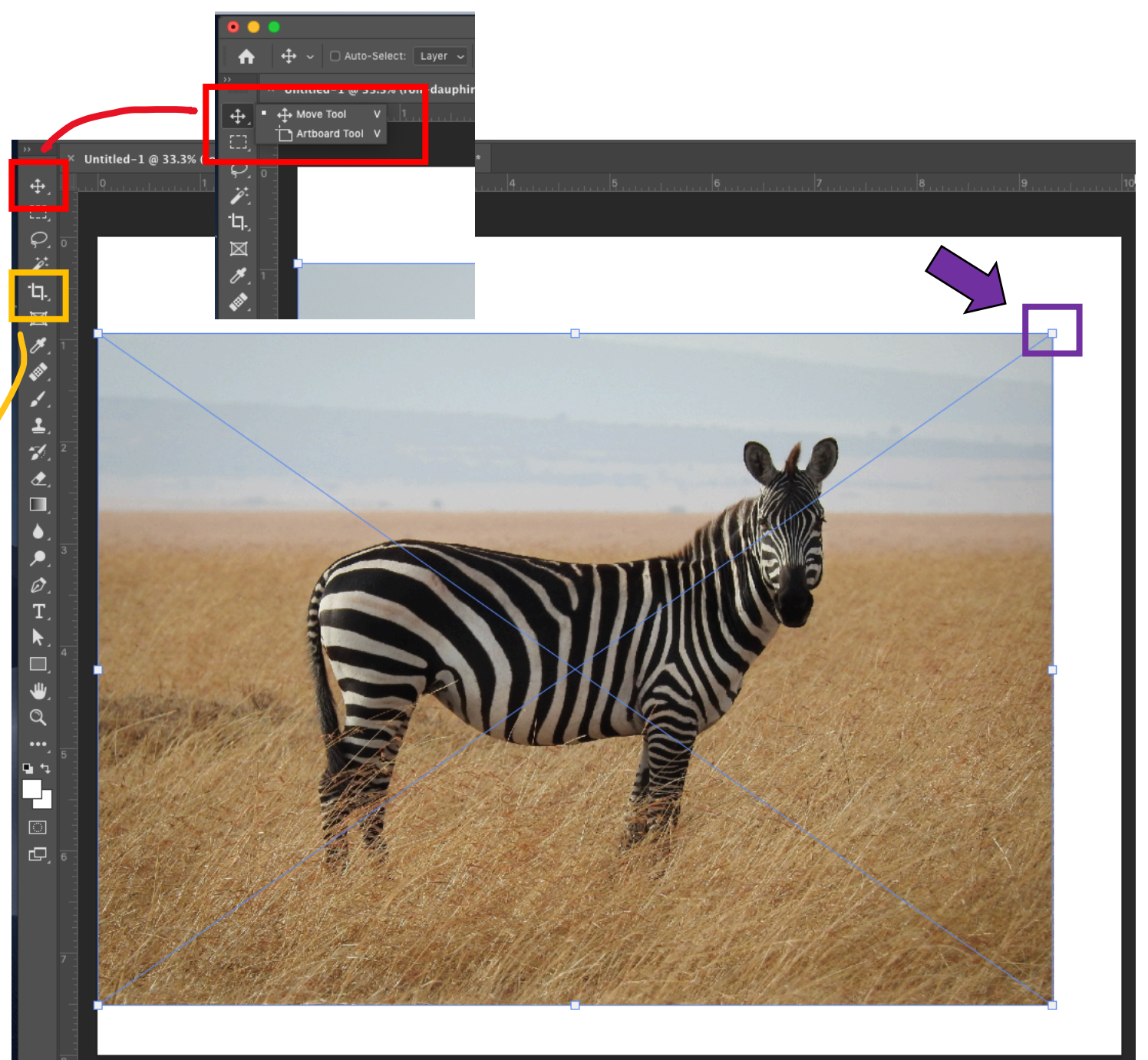
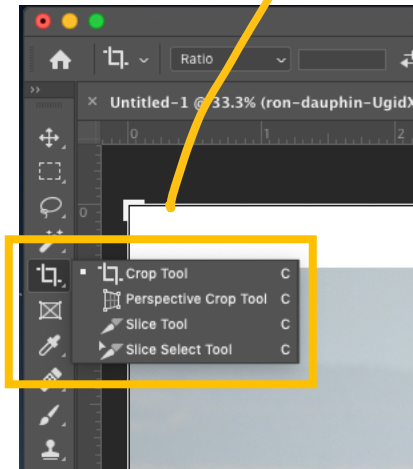
- Select image

1. 'Auto' options
2. Adjustments
3. Brightness & Contrast vs Exposure
4. Color balances
5. Black & White



Formatting Size

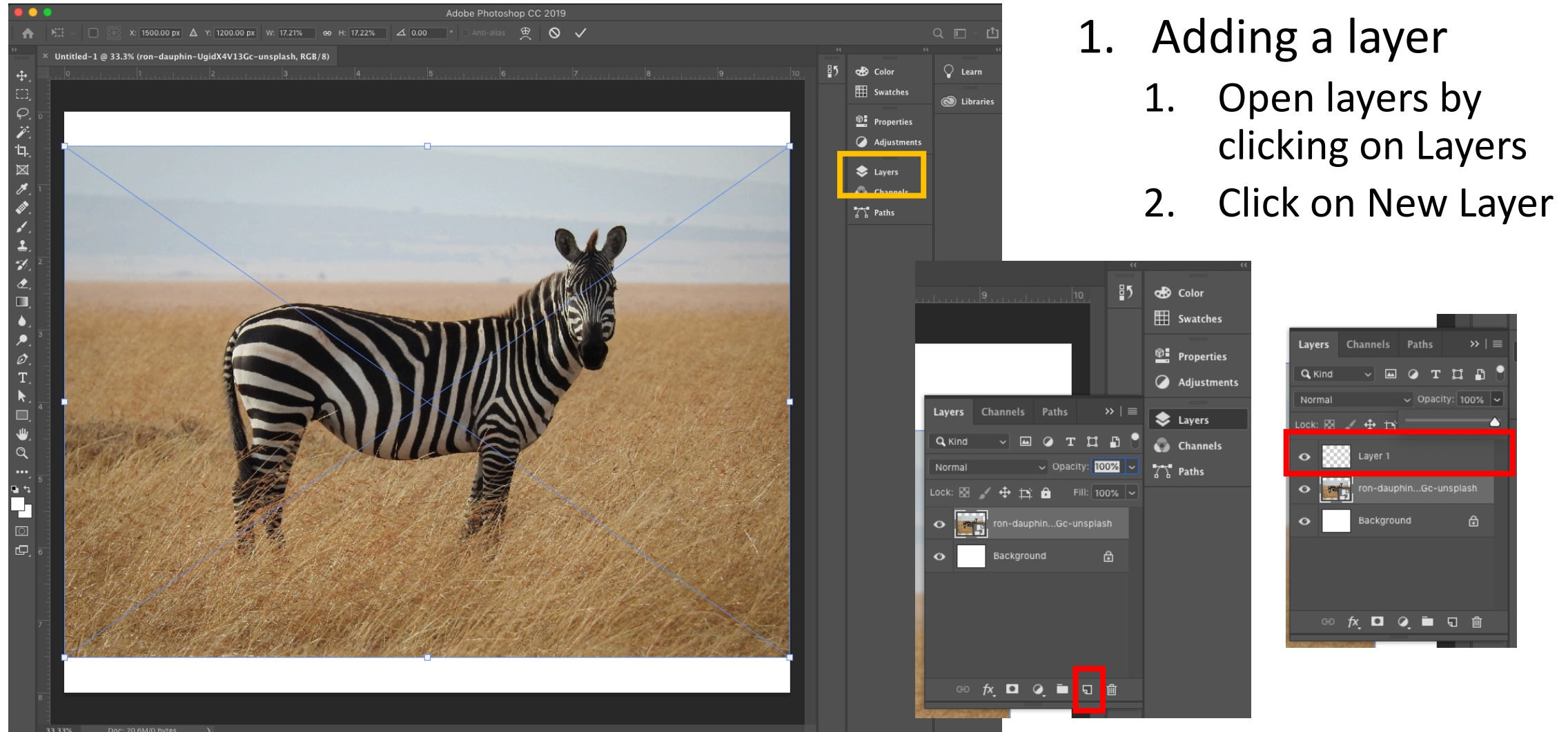
1. Cropping
2. Moving
3. Scale by selecting corner of image



Working with Layers (1)

1. Adding a layer

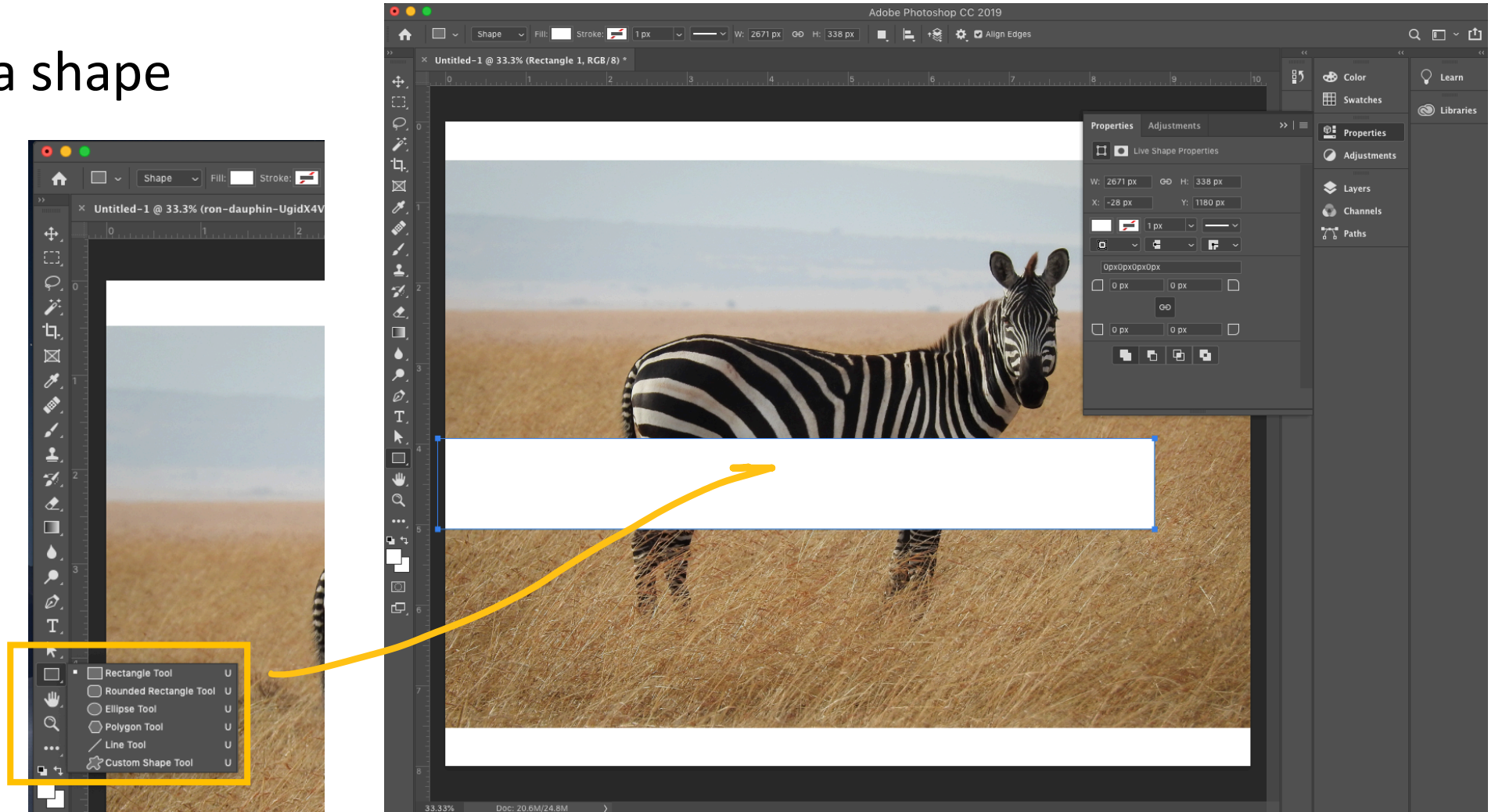
1. Open layers by clicking on Layers
2. Click on New Layer



The image shows the Adobe Photoshop CC 2019 interface. The main canvas displays a zebra in a savanna landscape. The Layers panel on the right is open, showing three layers: 'Layer 1' (a new layer with a checkerboard icon), 'ron-dauphin...Gc-unsplash' (the zebra image), and 'Background' (a white layer). The 'Layer 1' layer is highlighted with a red rectangle. The 'Layers' panel is also highlighted with a yellow rectangle. The 'New Layer' button (a square with a plus sign) is highlighted with a red rectangle in the bottom right corner of the Layers panel.

Working with Layers (2)

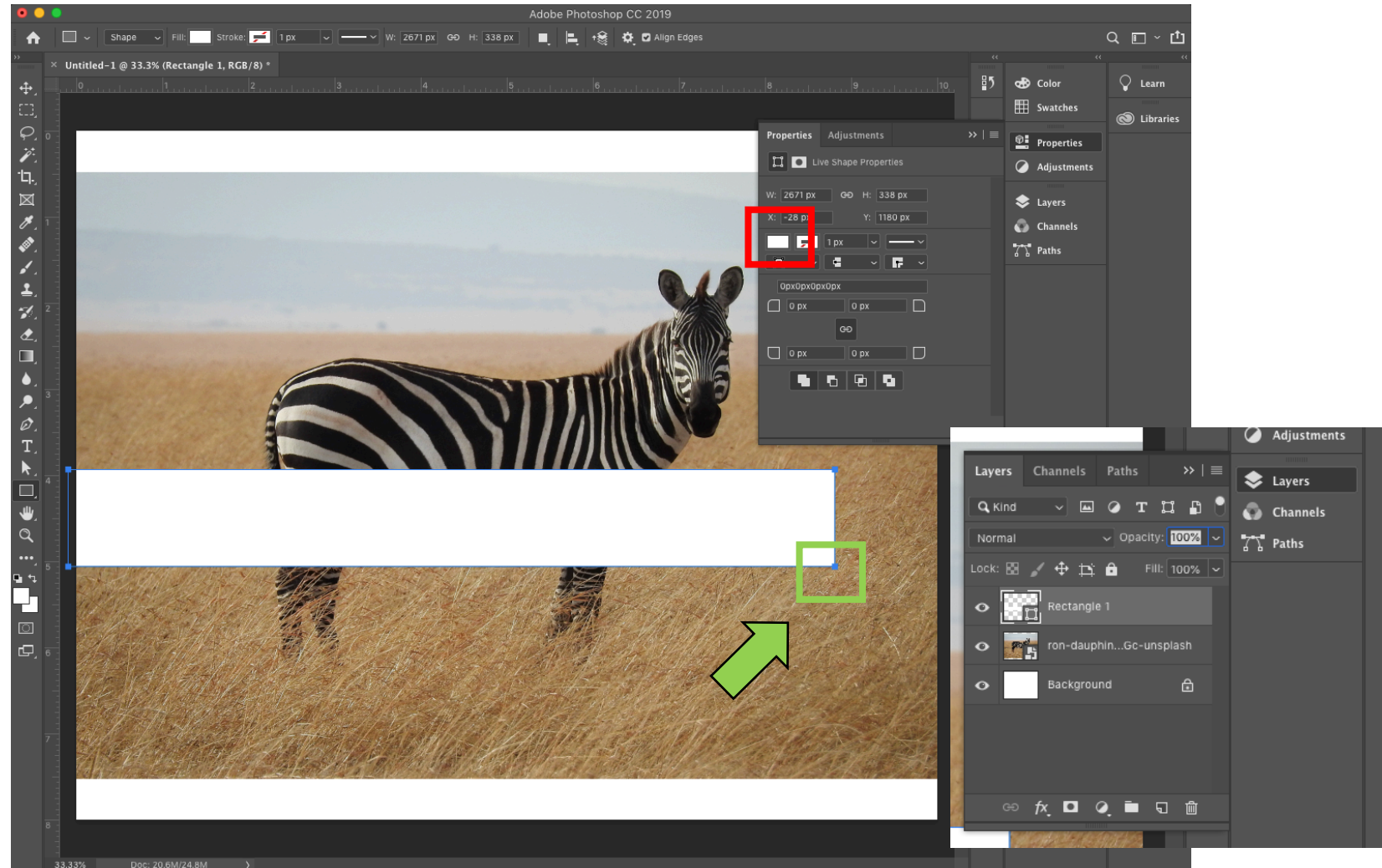
1. Adding a shape



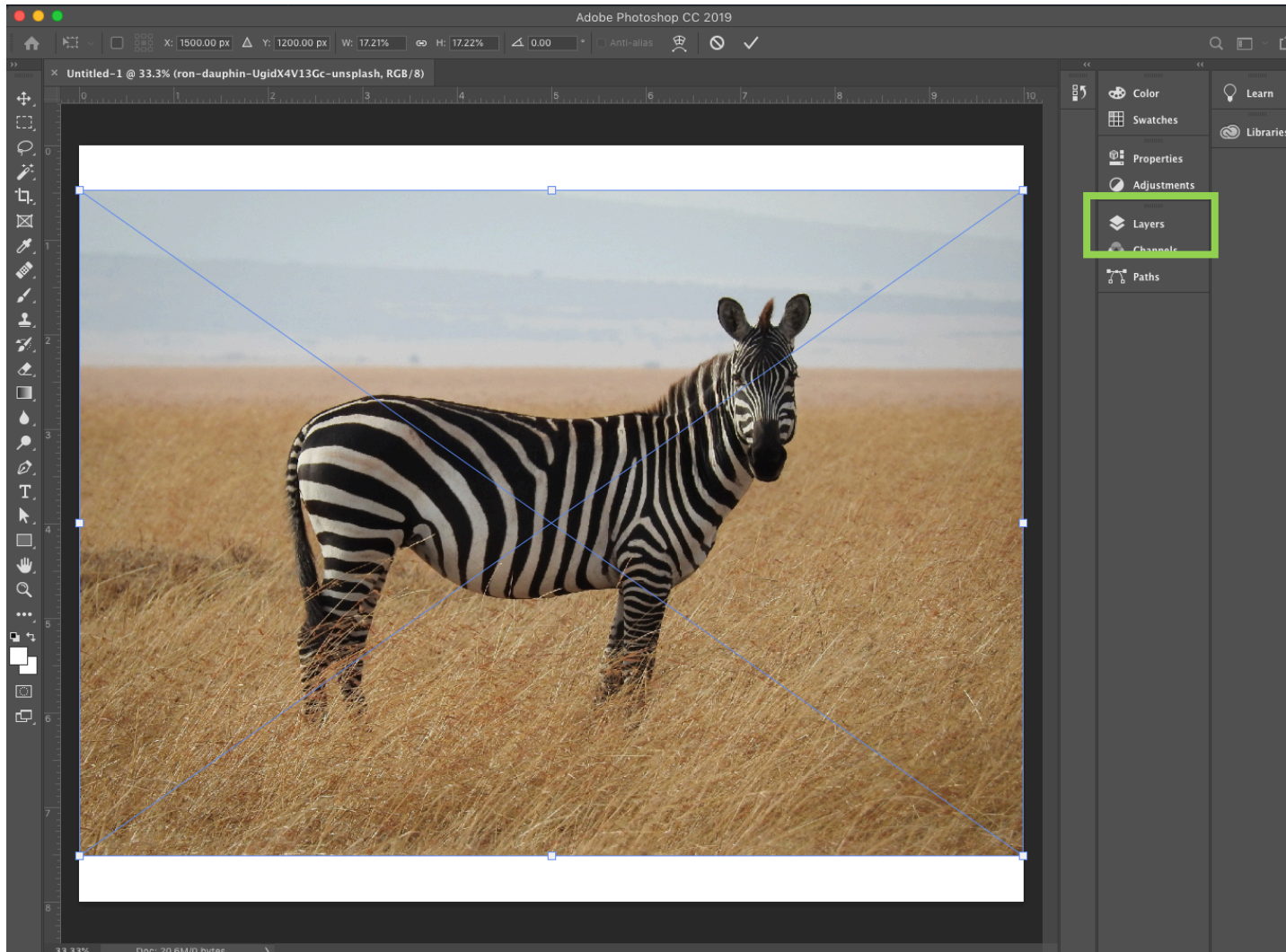
Working with Layers (3)

- Formatting a shape

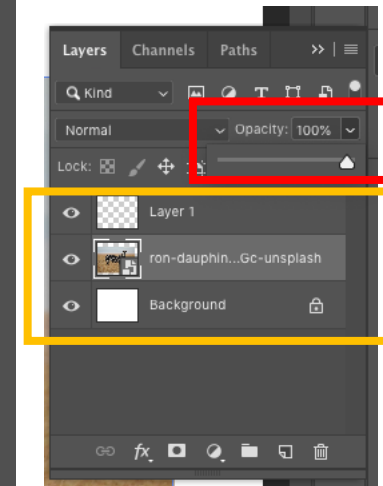
1. Scale
2. Color



Working with Layers (4)



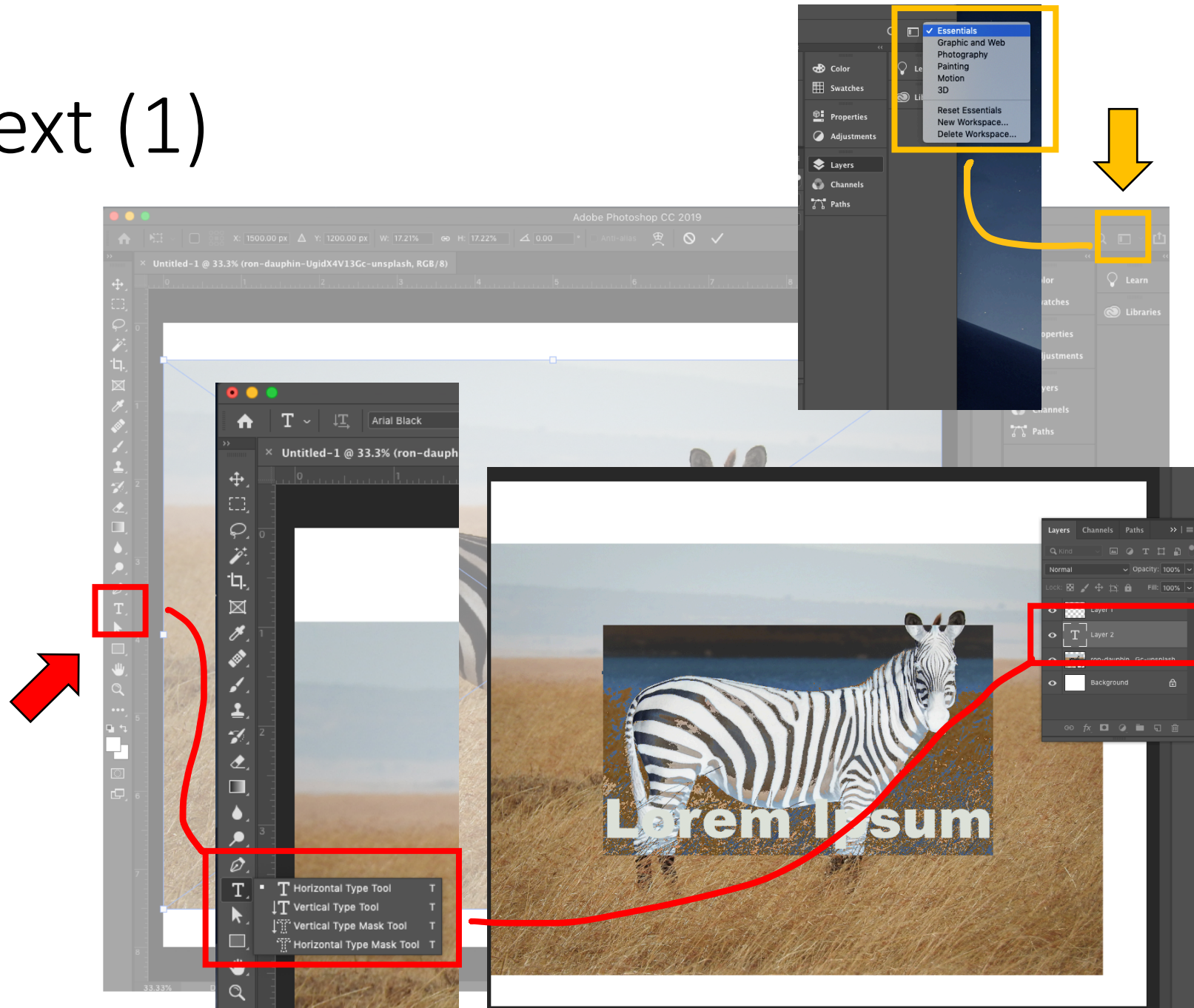
1. Open Layers
2. Transparency
3. Layer Organization



Working with Text (1)

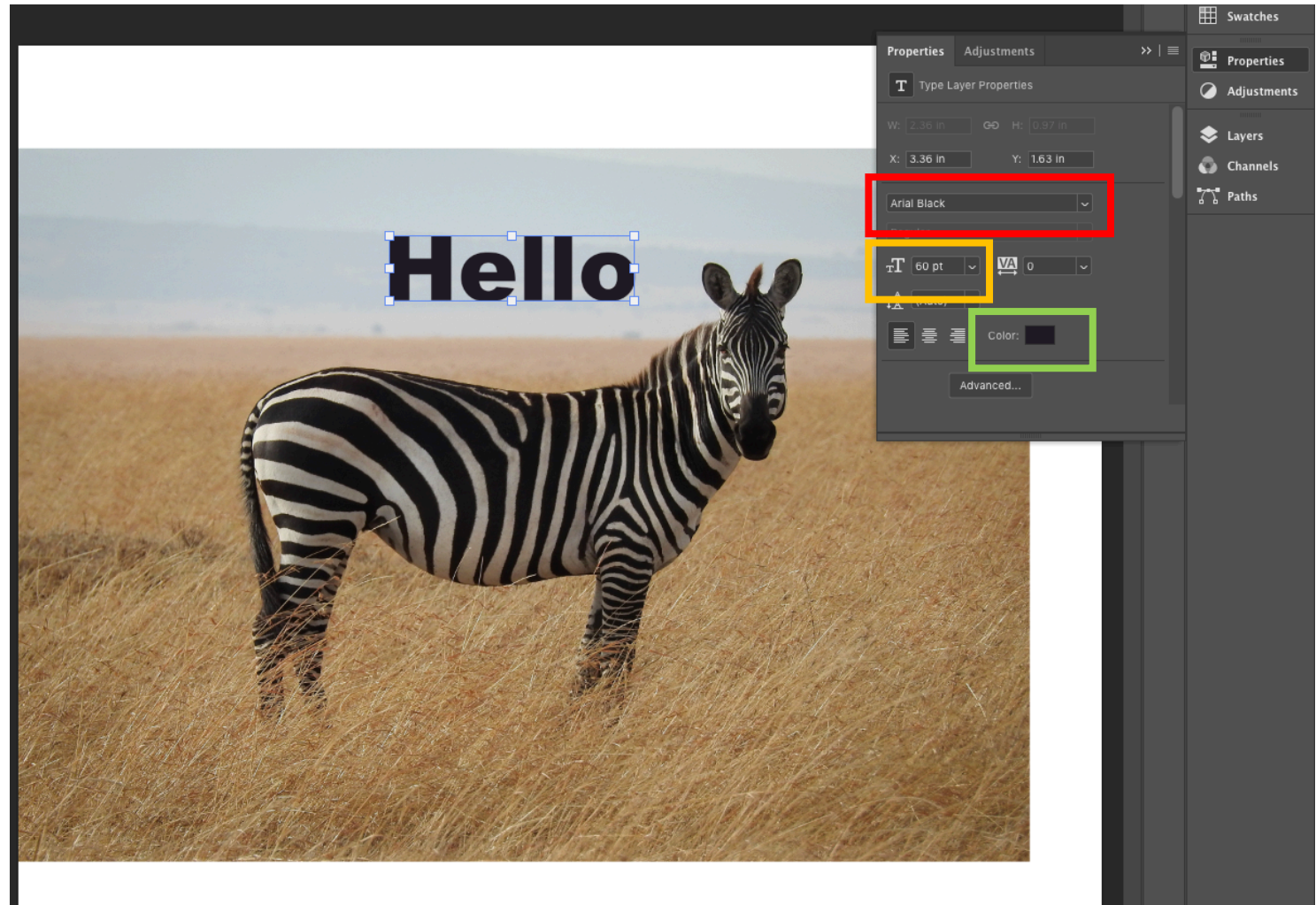
- Adding text

1. Select text
2. NOTE: Change to Graphic and Web?



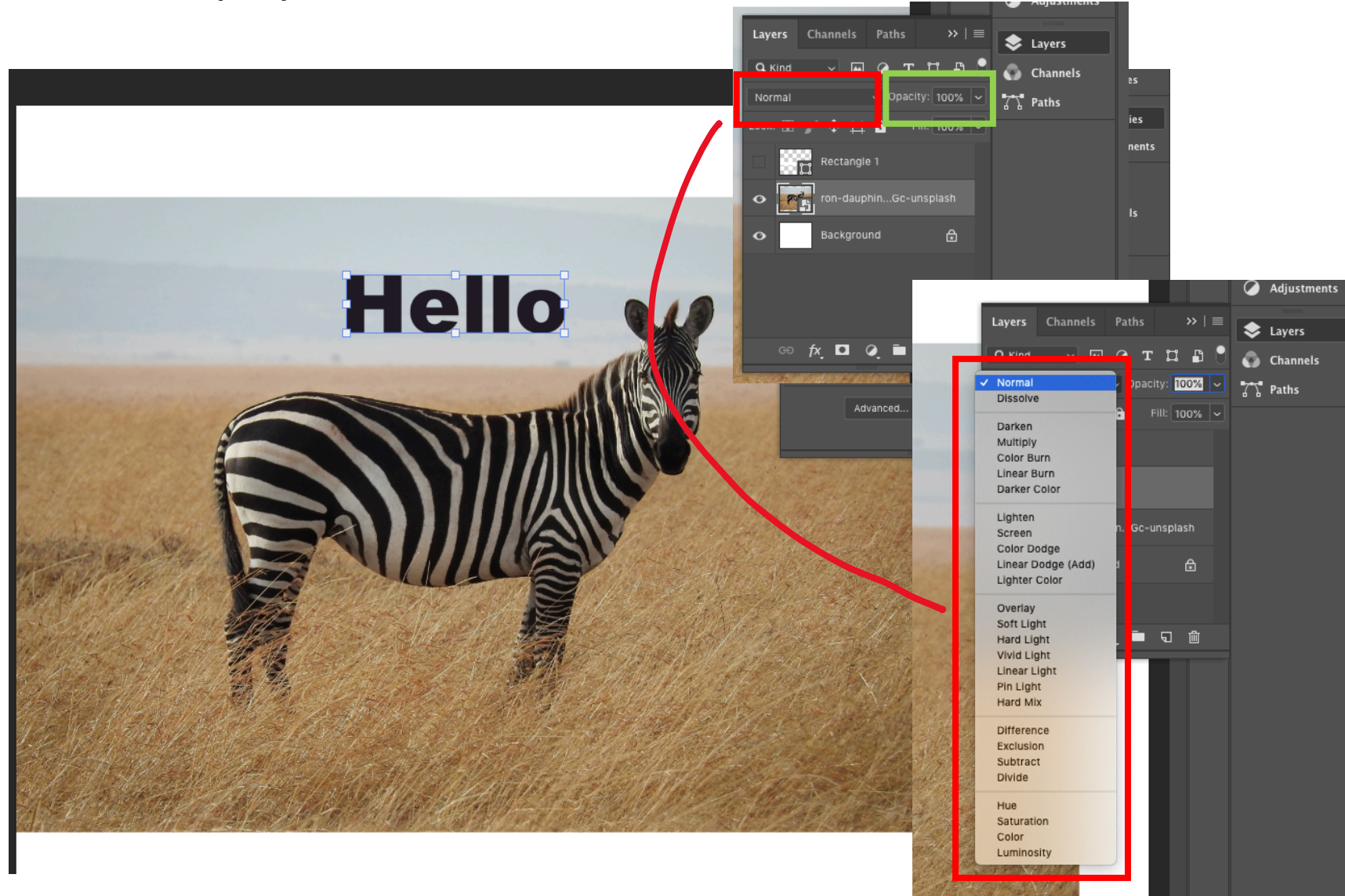
Working with Text (2)

1. Text font
2. Text size
3. Text color



Working with Text (3)

1. Transparency
2. Blend Modes

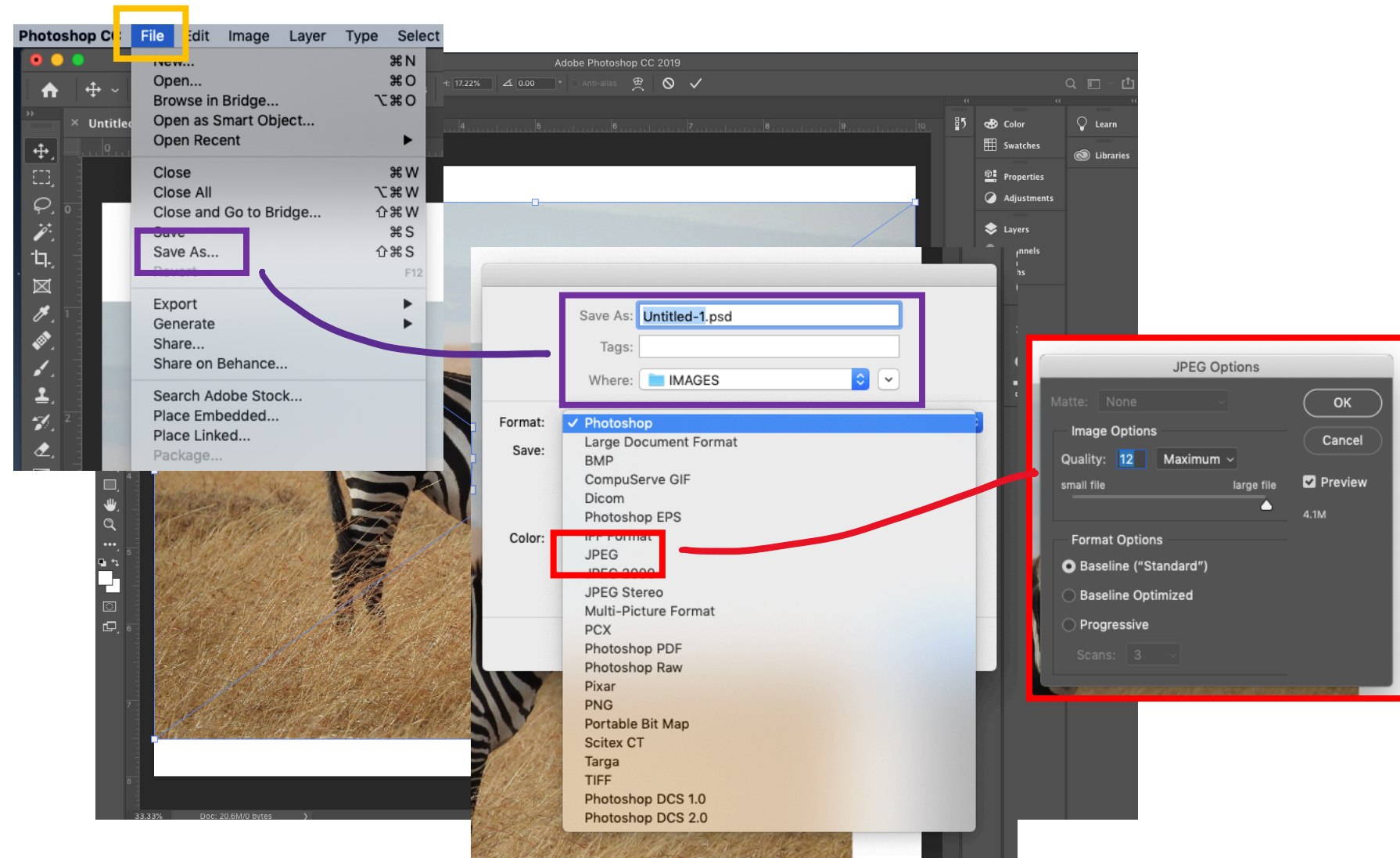


Saving and Exporting (1)

- Short cut key

• File

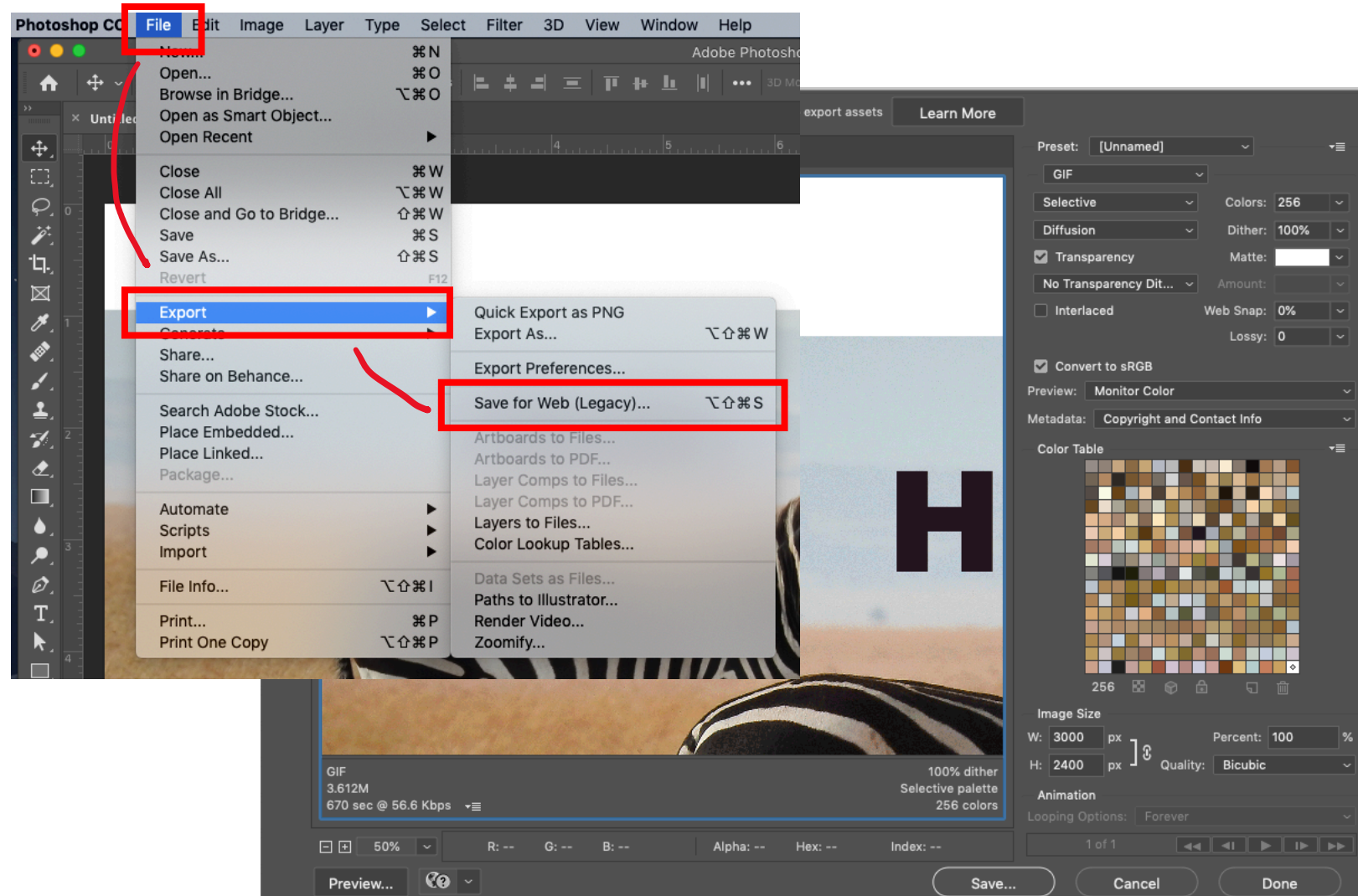
1. Save as
2. Name
3. Tags
4. Where
5. Format
 - a) JPG vs PNG
 - b) Quality



Saving and Exporting (2)

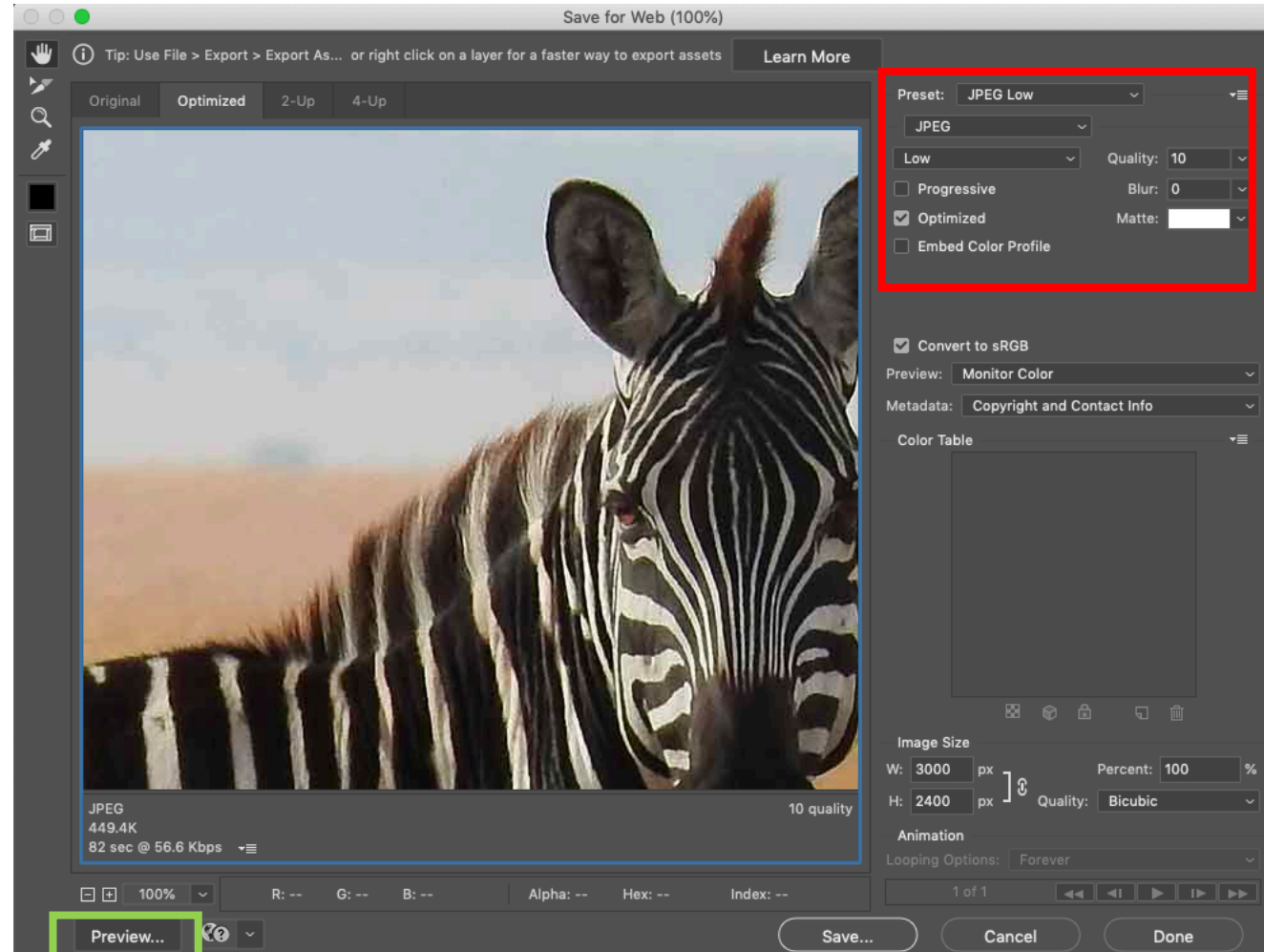
- Export

1. Save for web



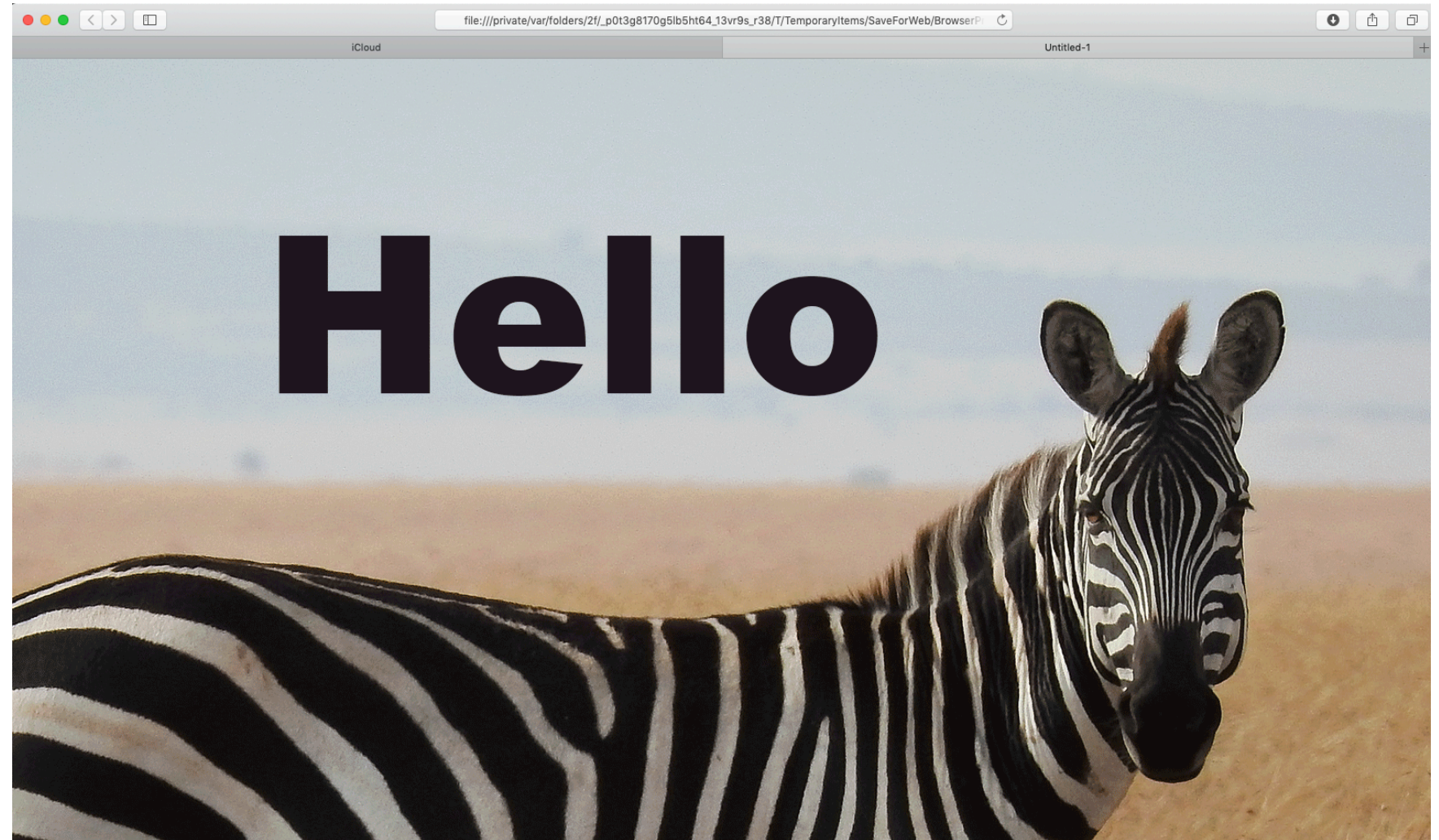
Saving and Exporting (3)

1. Format
2. Size
3. Metadata
4. Preview
5. Alt tags



Saving and Exporting (4)

- Web preview



Examples in Blackboard

- Graduate Student Professional Development [LINK](#)
- CJ 391 Correction [EXAMPLE 1 LINK](#)
- CJ 391 Correction [EXAMPLE 2 LINK](#)
- Quantitative Methods [LINK](#)

Tips & Tricks

- For crisper text edges when creating smaller banners, such as for Blackboard, work in a larger file and then export for web using settings that align to the original needed sized banner.
- Keep all text high contrast with the background or surrounding content.
- Sometimes less is more in design and in efficient messaging.