

Adobe Visual Design 1 Objective: 2.01



ADOBE VISUAL DESIGN Abode Classes Wake County Public Schools



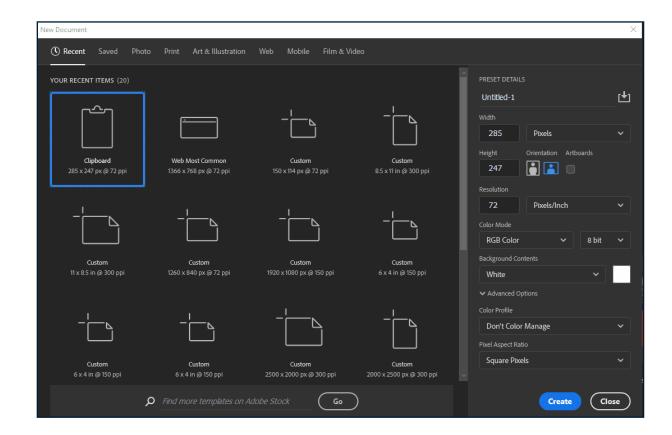
Understand the Photoshop Creative Cloud interface and program settings.

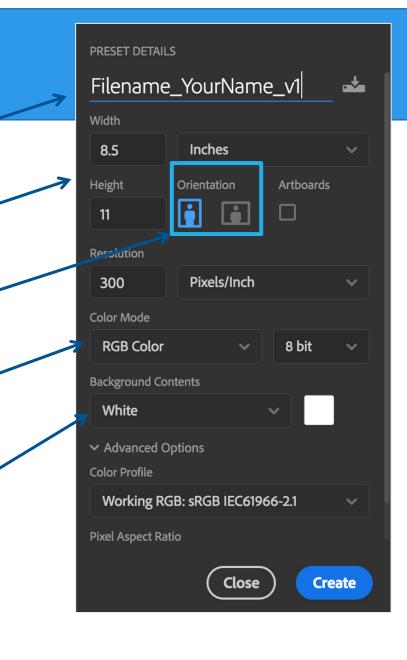
QUESTIONS TO ASK BEFORE YOU BEGIN:

- Is this meant for the screen or print?
- How large should my image be?
- What resolution should it be?
- What file naming structure can I use to easily locate my files?

Creating New Documents in Photoshop

- Creating New Documents
 - The process of creating a new file in Photoshop.
- New Document Presets
 - There are different presets for creating new documents in Photoshop. These can range from picture presets to print presets to video presets.
- Creating New Documents vs. Opening Images
 - When you create a new document you need to determine the file size, color mode, resolution, etc. etc. When you Open an image in Photoshop all of those settings are based off of the source image.





Creating a New Document

Project Name

The title of your project. When you save, it will default to the Project name and add the proper file extension to it.

Image Size -

Determines the size and resolution of your canvas. You can change units of measure (i.e. pixels, inches, picas, etc.) in the drop down to the right.

Orientation

Portrait is when the image is taller than it is wide. Landscape is when the image is wider than it is tall.

Color Mode

Limits the amount of colors available to match the output settings of your project. For instance, RGB color is meant for screens; whereas CMYK is meant for printers.

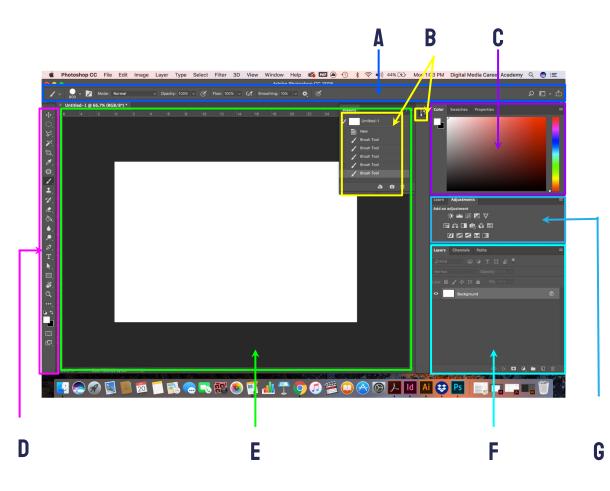
Background Contents

The bottommost layer in the Layers palette, the background layer is always locked (protected), meaning you cannot change its stacking order, blending mode, or opacity (unless you convert it into a regular layer).

New Document Settings

- Document Name
 - Name this when you start to ensure you are organizing your files correctly
- Dimensions
 - Use your own or use a template provided by Adobe. This can be changed later if needed
- Unit of Measurement
 - Pay attention to your units and choose what works best for you
- Orientation
 - Landscape (horizontal) or Portrait (vertical)
- Resolution
 - This will be based on how you will be using the image. The higher the resolution, the larger the file.
- Color Mode
 - This will be based on if you are printing or using the image digitally
- Background Contents
 - White (most common), Black, Color, Transparent, or Custom

PHOTOSHOP LAYOUT:



CONTROL PANEL

displays options for the currently selected tool.

HISTORY PANEL

jump to any recent state of the image created during the current working session. Each time you apply a change to an image, the new state of that image is added to the panel.

COLOR/SWATCHES/PROPERTIES PANEL

Choose your a color, select one from one of your swatches or view and adjust any of your properties depending on the tool you u**TOOLS PANEL**

contains tools for creating and editing images, artwork, page elements, and so on. Related tools are grouped.

DOCUMENT WINDOW

displays the file you're working on. Document windows can be tabbed and, in certain cases, grouped and docked.

LAYERS PANEL

lists all layers, layer groups, and layer effects in an image. You can use the Layers panel to show and hide layers, create new layers, and work with groups of layers.

tools for making color and tonal adjustments The adjustments you make using the controls and options create non-destructive adjustment layers

Photoshop Menus

Photoshop Menus

• There are different menus in Photoshop that allow the user to interact with the program as well as edit their images & documents.

• File Menu

• Used to Open, save, export, import, and adjust individual files.

• Edit Menu

 Used to edit images inside of Photoshop with certain tasks such as scale. Also used to undo and redo actions and edit the preferences within Photoshop.

File Menu

le Edit Image Layer	· Type Select Fil
New	Ctrl+N
Open	Ctrl+O
Browse in Bridge	Alt+Ctrl+O
Open As	Alt+Shift+Ctrl+O
Open as Smart Object.	
Open Recent	•
Close	Ctrl+W
Close All	Alt+Ctrl+W
Close Others	Alt+Ctrl+P
Close and Go to Bridge	Shift+Ctrl+W
Save	Ctrl+S
Save As	Shift+Ctrl+S
Save a Copy	Alt+Ctrl+S
Revert	F12
Export	•
Generate	•
Share	
Invite	
Share on Behance	
Search Adobe Stock	
Place Embedded	
Place Linked	
Package	
Automate	•
Scripts	•
Import	•
File Info	Alt+Shift+Ctrl+I
Version History	
Print	Ctrl+P
Print One Copy	Alt+Shift+Ctrl+P
Exit	Ctrl+Q

Edit Menu

F	Edit Image Layer Typ	e Select Filter
	Undo Edit Type Layer	Ctrl+Z
	Redo	Shift+Ctrl+Z
	Toggle Last State	Alt+Ctrl+Z
	Fa <u>d</u> e	Shift+Ctrl+F
	Cuţ	Ctrl+X
	<u>C</u> opy	Ctrl+C
	Copy Merged	Shift+Ctrl+C
	<u>P</u> aste	Ctrl+V
	Paste Special	
	Clear	
	Search	Ctrl+F
	Check Spelling	
	Find and Replace Text	
	Fill	Shift+F5
	Stroke	0
	Content-Aware Fill	
	Content-Aware Scale	Alt+Shift+Ctrl+C
	Puppet Warp	
	Perspective Warp	
	Free Transform	Ctrl+T
	_ Transform	
	Auto-Align Layers	
	Auto-Blend Layers	
	Sky Replacement	
	Define Brush Preset	
	_ Define Pattern	
	Define Custom Shape	
	Purge	
	Adobe PDF Presets	
	Presets	
	Remote Connections	
	Color Settings	Shift+Ctrl+K
	Color Settings Assign Profile	Shirt+Ctfl+K
	-	
	Convert to Profile	
	Keyboard Shortcuts	
	Men <u>u</u> s	Alt+Shift+Ctrl+M
	Toolbar	

Preferences

Photoshop Interface: Workspace

• Workspace

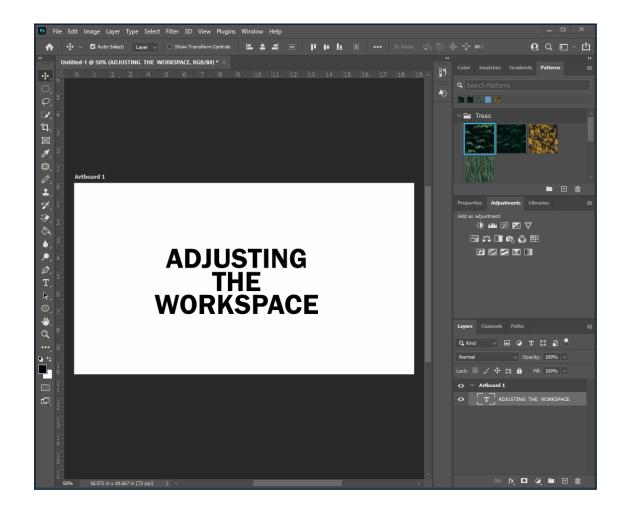
 A specific layout best used for a certain photoshop process (painting, 3D, Typography, etc. etc.).

Customize Workspace

 All of the panels in Photoshop are modular and can be positioned to how the user likes. Custom workspaces can be saved for future use.

Resetting Workspace

• You can reset the workspace to a saved layout if changes are made.



Photoshop Interface

Document Window

18.972 in x 10.667 in (72 ppi)

Status

Window

• The tab and artboard of current work in Photoshop.

• Options Bar

 The bar beneath the menus that changes based on the selected tool. Used for adjusting specific tool settings.

• Status Bar

50%

• Small bar at the bottom of the Photoshop window that displays file information such as file size, zoom status. and resolution.



Photoshop Interface

• Panels

 Photoshop is made up of different panels that each have a different function. Panels range from the layers panel, color panel, tools panel, adjustments panel, character panel, properties panel, etc. etc. Each panel has a specific use based on the need of the user.

Photoshop Preferences

 Settings that affect the way Photoshop runs. For example, how much RAM photoshop uses, the color of guides, and the color of the UI.

Panels in Photoshop

- Tools Panel
- History Panel
- Layers Panel
- Color Panel
- Channels Panel
- Swatches Panel
- Adjustments Panel
- Properties Panel
- Character Panel
- Brushes Panel

Pane	l Lay	ers Pai	nel	Pro	perti	es Pane
	Layers		>> ≡	Properties		
	Q. Kind		11 🗗 📍	Docur	nent	
	Lock: 🔀 🦌	Ф 13 6 п	l: 100% 🗸	∨ Canvas		
	o 🗾 B	ackground	۵	e w	26.67 in	X 0 in
					17.78 in	Y 0 in
					1	
					Resolution:	72 pixels/inch
				Mode	RGB Color	
					8 Bits/Cha	annel
				Fill		
				∨ Rulers &	Grids	
						Inches
				∨ Guides		
				# #•	*,	
				✓ Quick Ac	tions	
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				Trim	i	Rotate
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Tools

CURSOR EXAMPLES:



Move Cursor

Magic Wand Cursor

The Toolbar

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⊡ ⊄⊐ Photoshop has a lot of tools that you can use. These tools can be accessed through the "Tool Bar" [usually found on the left]. If you do not see the toolbar, you can load it by going to Window > Tools at the menu bar on the top of your screen.

Tools are grouped together with similar function. If you click and hold the icon on the toolbar, a dropdown will appear with other possible tools. You can also access these tools using keyboard commands (by holding "Shift" + [the proper keyboard letter]. By doing so it will toggle between all of the tools in that category. The default tools are defined in the next page.

Each tool changes the "Control" panel options (located above your "Document Window"). You can also see a change in the cursor icon to let you know what tool is being used [as well as the cursors size & shape}.

TOOLS:



Move (V)

Move a selection or an entire layer



Brush (B)

Applies color with brushstrokes in a variable tip.





Lets you draw smooth lined paths.



Marquee (M)

Select rectangles, ellipses, and 1-pixel rows and columns.



Stamp (S)

Paints a copy of the selected state into the current image window.

Text (T)

Create type on

an image.



Lasso (L)

Draw freeform

segments of a

selection border.

History brush (Y)

Copies pixels to a new location in the image.



Path Selection (A)

Make shape or segment selections Draw shapes and lines showing anchor points, direction in a normal layer or lines, and direction points. shape layer.



Quick select (W)

"Paint" a selection using a brush tip. The selection jumps to edges of shapes.



Eraser (E)

Changes pixels to the background color or to transparent



Rectangle (U)



Moves an image within its window.



Eyedropper (L)



Gradient (G)

Crop (C)

Crop or

straighten

photos.

Creates a gradual blend between multiple colors



Hand (H)



Select a color from an area within your image.





Dodge (0)

Lightens areas in an image.



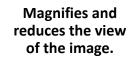
Blur

Blurs hard

edges in an

image.







Quick mask (Q)

A red overlay appears as you make a selection. You can paint and refine your selection.



Spot heal (J)

Correct imperfections, causing them to disappear into the image

Photoshop Menus

Image Menu

 Used to edit images with certain tasks such as image adjustments.
Can also be used to change the document color mode and document size.

• Layer Menu

• Used to create new layers, group layers, merge layers, as well as edit layers with masks.

• Type Menu

• Used to edit and adjust text.

Photoshop Menus

Select Menu

 Used to select objects within images as well as edit and refine selections.

Filter Menu

• Used to apply preset filters and effects to images.

View Menu

 Used to adjust the view in Photoshop such as how zoomed in the document is, the screen mode, as well as viewing the grid and rulers. Also used to create guides.

Window Menu

• Used to open panels and edit / reset the current workspace.

File Handling

• File Info

 Specific information that can be embedded into the file such as the author and copyright status.

AutoSave

 Recovery setting in Photoshop that will save the file you are working on based on settings set in preferences command window.

File Info

IMG_8392.JPG			>
12			
Basic	Document Title:		
Camera Data	Author:		
Origin		Semicolons or commas can be used to separate multiple values	
IPTC			
IPTC Extension	Author Title:		
GPS Data Audio Data	Description:		^
Video Data			
Photoshop	Dating	:	
DICOM			
AEM Properties	Description Writer:		
Raw Data	Keywords:	a	^
		Semicolons or commas can be used to separate multiple values	
		•	
	Copyright Status:	: Unknown Y	
	Copyright Notice:		^
			~
	Copyright Info URL:		
		: 1/14/2022 12:48:17 PM	
	Modification Date:	: 1/14/2022 12:48:17 PM	
	Application:		
		: image/jpeg	
Powered By			
хтар	Preferences 1	Template F V OK Cancel	

Non-Printing Elements in Photoshop

- Non-Printing Elements
 - Aspects of Photoshop that aid design and alignment but do not show up on printed or exported images.
- Rulers
 - Allows the user to see the exact dimensions of a document and exactly where on a document objects are placed.
- Guides
 - Lines created using rulers or dimensions in a document that allow the user to align objects to specific locations.
- Smart Guides
 - Temporary snap-to guides that appear when you move objects; help you align, edit, and transform objects relative to other objects
- Grids
 - A non-printing Element that divides the document into equal parts rectangular parts. Used for alignment and balance purposes.

