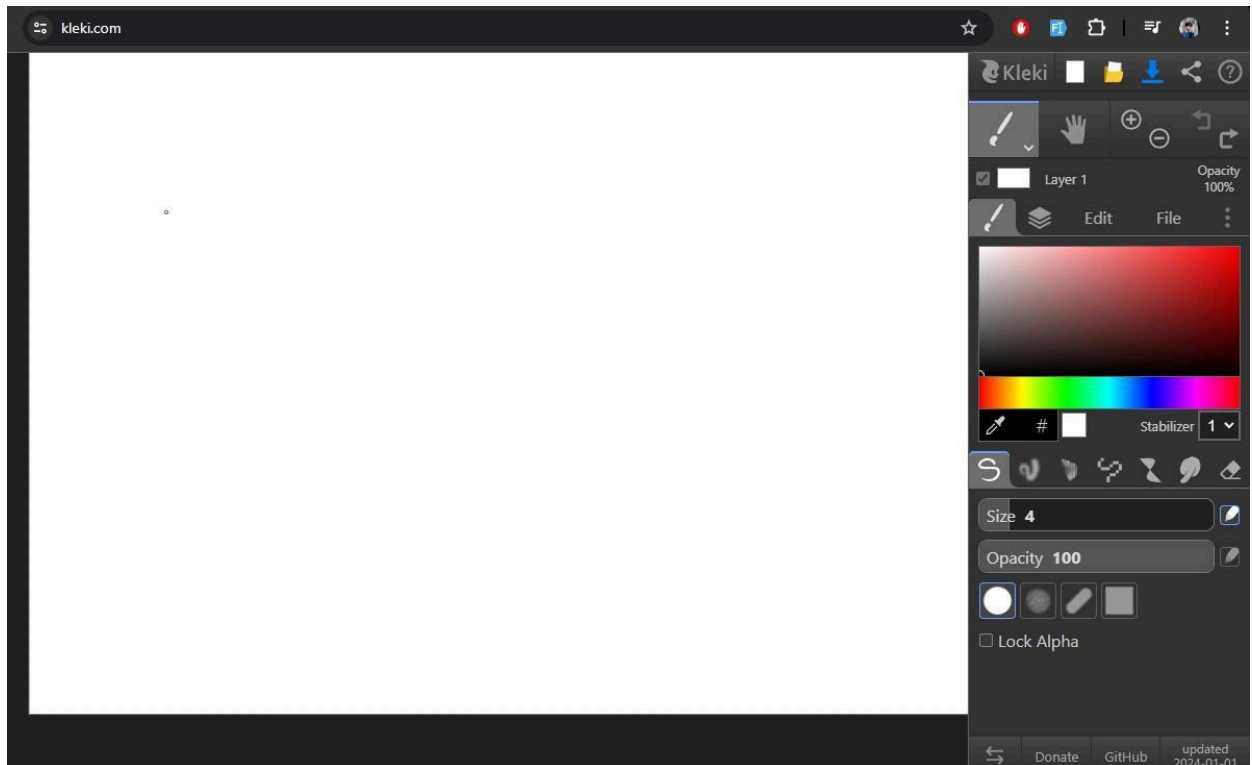


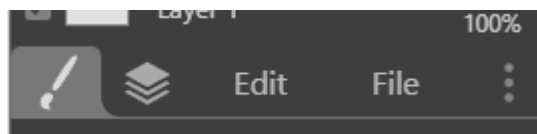
What is SketchPad?

An extremely fast hand-drawn animation app for devices using a control and intuitive workflow. Animators will love the simplicity and ease of use which lets them quickly sketch out animations and beginners can focus on improving their drawing and timing.



The above image shows the sketchpad that artist used. Additionally, the white screen indicates the sketchbook which is to sketch and to draw.

Toolbar and Tool Selection



The above is the **Main Toolbar**. From left to right are ① **Pen/ Brushes, Eraser, & Color Palette** ② **Layer**, ③ **Edit**, ④ **Files**.



The above image shows the first tool that is Pen/ Brushes,Eraser, & Color Palette

Tool . The Brush tool is selected by default when you open a canvas. Including an opacity of sizes of the line/shade/brushes. Displayed from the top are: ①**Pen tool**,

②**Blend**

tool, ③**Sketchy tool**, ④**Pixel tool**, ⑤**Chemy tool**, ⑥**Smudge tool**,
⑦**Eraser**

tool, ⑧**size tool**, ⑨**Opacity tool**, ⑩**variety of Pen tool**, ⑪**Lock Alpha**
tool,

⑫**Color Palette**, ⑬**Eyedrop tool**, ⑭**Manual Color Input**, 15. **Secondary**

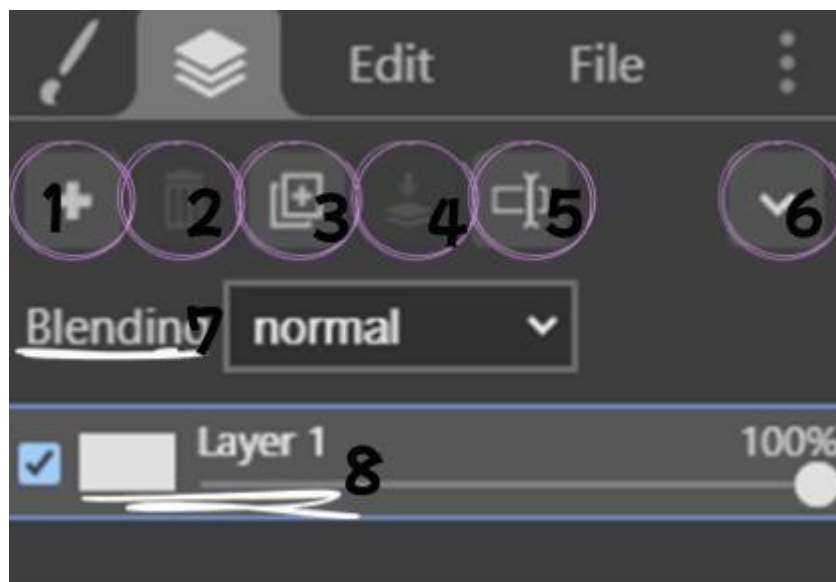
Color 16. Stabilizer. It could prove difficult to learn all the above tools at once, so

it is probably best to gradually learn their functions as you create using the sketchpad.

However, if you want to know this tools here are the description:

1. **Pen Tool:** Used for creating smooth and precise lines or shapes by placing anchor points and adjusting their curves.
2. **Blend Tool:** Allows blending or morphing between two or more objects or colors to create smooth transitions.
3. **Sketchy Tool:** Mimics the effect of sketching or drawing by hand, adding a rough and textured appearance to strokes or shapes.
4. **Pixel Tool:** Works at the pixel level, allowing for precise control over individual pixels, commonly used in pixel art or detailed editing.
5. **Chemy Tool:** Not a standard tool name; it might refer to a tool related to chemistry or color blending. More context is needed to provide an accurate description.
6. **Smudge Tool:** Used to blend or smear colors together, creating soft transitions or effects similar to finger painting.
7. **Eraser Tool:** Removes parts of an image or drawing, allowing for corrections or adjustments.
8. **Size Tool:** Adjusts the size of brushes or tools, allowing for finer or broader strokes.
9. **Opacity Tool:** Controls the transparency or opacity of brushes or layers, affecting how they interact with underlying elements.
10. **Variety of Pen Tool:** Likely an extension or variation of the standard Pen Tool, offering additional options or effects; Circle, Chalk, Calligraphy and Square.
11. **Lock Alpha Tool:** Locks the transparency of a layer or selection, preventing changes to the alpha channel while editing.
12. **Color Palette:** Provides a selection of colors for use in drawing or editing, often customizable or preset.

13. **Eyedrop Tool:** Samples colors from an image or canvas, allowing for easy selection and matching of colors.
14. **Manual Color Input:** Allows users to input specific color values manually, enabling precise color selection.
15. **Secondary Color:** Typically used in painting or drawing software, it represents an alternate color that can be quickly swapped with the primary color.
16. **Stabilizer:** Assists in creating smooth and controlled lines by reducing the impact of shaky hand movements, commonly used in digital drawing software.



The second tool is Layer Tool. The tool is used to put layers of each sketch in the sketchpad. Displayed from the top are: ① **New Layer**, ② **Remove Layer**,

③

Duplicate Layer, ④ **Merge with Layer Below**, ⑤ **Rename Layer**, ⑥ **Merge All Layer**, ⑦ **Blending Layer**, ⑧ **Layers and scale of background in the Layer.**

If you want to learn more about Layer tool here are the description:

1. **New Layer:** This tool creates a new layer on top of the existing layers in your project. Layers are like transparent sheets stacked on top of each other, allowing you to edit different parts of an image independently.
2. **Remove Layer:** This tool deletes or removes the selected layer from your project. It's handy when you no longer need a particular layer or want to clean up your workspace.
3. **Duplicate Layer:** This function makes an exact copy of the selected layer. Duplicating layers can be useful for creating variations of elements within your project without altering the original.
4. **Merge with Layer Below:** This option combines the selected layer with the one directly beneath it. Merging layers can simplify your project by reducing the number of layers and streamlining editing.
5. **Rename Layer:** This tool allows you to change the name of the selected layer. Renaming layers can help you organize your project and quickly identify different elements.
6. **Merge All Layers:** This action merges all visible layers in your project into a single layer. It's useful for finalizing your work or preparing it for export.
7. **Blending Layer:** This feature controls how the pixels on the current layer blend with the layers beneath it. Blending modes can alter the appearance of your artwork, creating various effects like transparency, shadows, or overlays.

8. **Layers and Scale of Background in the Layer:** This likely refers to the ability to adjust the opacity or transparency of a layer, as well as resizing or scaling the content within that layer. Opacity controls how much you can see through a layer, while scaling allows you to resize elements within the layer without affecting other layers.



The third tool is the Edit tool. These tools collectively provide a wide range of editing capabilities for manipulating and enhancing digital images in Sketchpad.

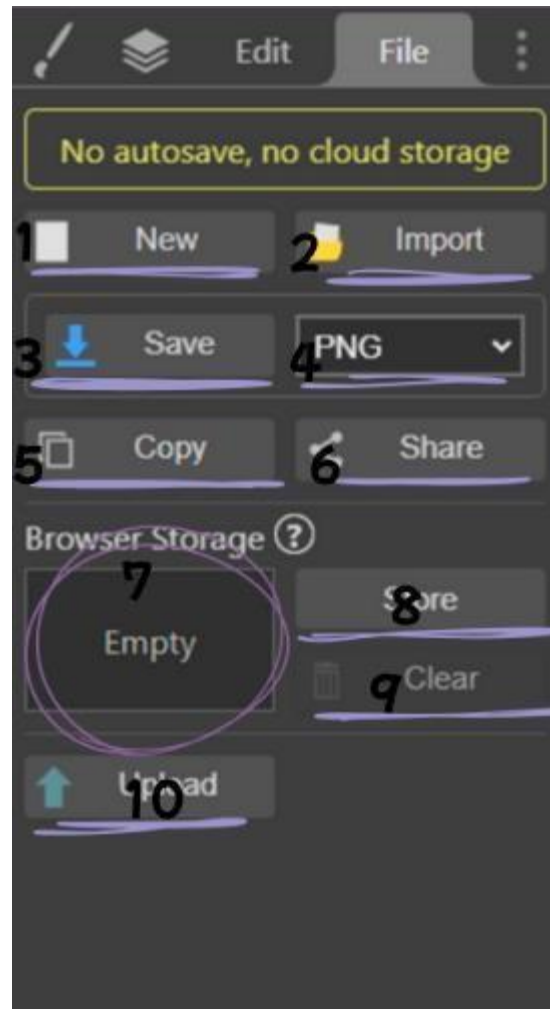
Displayed from the top are: ①**Crop/Extend**, ②**Flip**, ③**Perspective**,
④**Resize**, ⑤**Rotate**,
⑥**Transform**, ⑦**Bright/Contrast**, ⑧**Curves**, ⑨**Distort**, ⑩**Hue/Saturation**,

⑪**Invert**, ⑫**Tilt**, ⑬**Shift**, ⑭**To Alpha**, 15. Unsharp Mask, 16. Grid, 17. Noise, 18. Pattern and 19. Vanish Point. It could prove difficult to learn all the above tools at once, so it is probably best to gradually learn their functions as you create using the sketchpad.

Incase if the tool is to confuse to use here are the description:

1. **Crop/Extend**: This tool allows you to crop or extend the canvas or selected area of your image. Cropping removes unwanted parts of an image, while extending enlarges the canvas to include more space.
2. **Flip**: The flip tool horizontally or vertically mirrors the selected portion of an image.
3. **Perspective**: Perspective editing tools enable you to adjust the perspective of an image, useful for correcting distortions or creating artistic effects.
4. **Resize**: This tool allows you to change the size of an image or selection. You can specify the dimensions manually or use predefined presets.
5. **Rotate**: The rotate tool lets you rotate the entire image or a selected portion by a specified angle.
6. **Transform**: Transform tools provide various options for scaling, rotating, skewing, or distorting selected elements in your image.
7. **Brightness/Contrast**: These sliders or controls adjust the brightness and contrast levels of an image, allowing you to enhance or tone down the overall lightness and darkness.
8. **Curves**: Curves adjustment tools provide precise control over the tonal range and contrast of an image by manipulating a curve representing different levels of brightness.
9. **Distort**: Distortion tools allow you to warp or deform selected areas of an image, useful for creating special effects or correcting perspective issues.
10. **Hue/Saturation**: This tool adjusts the hue (color), saturation (intensity), and lightness of an image, enabling you to change the overall color balance or individual color properties.

11. **Invert:** Inverting the colors of an image switches each pixel's color to its complementary color, resulting in a negative-like effect.
12. **Tilt:** Tilt tools simulate tilting or slanting parts of an image, often used for artistic effects or correcting perspective.
13. **Shift:** Shift tools move selected elements horizontally or vertically within the image canvas.
14. **To Alpha:** This feature converts a selection to alpha channel, making the selected pixels transparent. It's commonly used for creating cutouts or adding transparency to images.
15. **Unsharp Mask:** Unsharp masking is a technique used to sharpen images by increasing contrast along edges, enhancing overall image clarity.
16. **Grid:** The grid tool overlays a grid onto your image, aiding in composition, alignment, and precision editing.
17. **Noise:** Noise tools add random variations in brightness or color to simulate film grain or add texture to images.
18. **Pattern:** Pattern tools allow you to fill areas of your image with predefined or custom patterns.
19. **Vanishing Point:** Vanishing point tools assist in creating perspective-correct selections or transformations by defining a horizon line and vanishing points within an image.



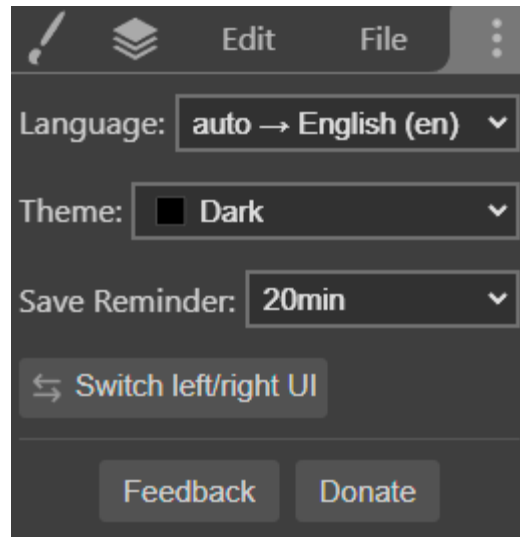
The last tool is the File tool. These File tools collectively provide essential functionality for managing and handling image files within the Sketchpad environment, offering options for creating, importing, saving, sharing, and clearing images as needed. Displayed from the

top are: ① **New Image**, ② **Import**, ③ **Download/Save**, ④ **File Format**, ⑤ **Copy to Clipboard**, ⑥ **Share**, ⑦ **Browser Storage**, ⑧ **Store/Overwrite**, ⑨ **Clear** and ⑩ **Upload**.

Incase that these tools are not familiar here are the description:

- 1 **New Image**: This option creates a new blank canvas or image in Sketchpad, allowing you to start a new project from scratch.

- 2 **Import:** The import tool enables you to bring external images or files into Sketchpad, allowing you to work with existing content within your project.
- 3 **Download/Save:** This tool allows you to save your current project or image to your device's storage. It typically provides options to choose the file format and quality before saving.
- 4 **File Format:** The file format option lets you specify the format in which your image will be saved or exported. Common formats include JPEG, PNG, GIF, and SVG, each with its own characteristics and use cases.
- 5 **Copy to Clipboard:** This function copies the current image or selection to the system clipboard, allowing you to paste it into other applications or documents.
- 6 **Share:** The share tool provides options for sharing your image directly to social media platforms, email, or other communication channels, depending on the integration capabilities of the software.
- 7 **Browser Storage:** Browser storage options allow you to save your work locally within your web browser's storage space, enabling you to access it later without needing to download it to your device.
- 8 **Store/Overwrite:** This option lets you save your current work, either as a new file or by overwriting an existing file if you're updating a previous version of the image.
- 9 **Clear:** The clear tool removes all content from the current canvas or image, effectively starting a new project or clearing the workspace.
- 10 **Upload:** The upload tool allows you to select and import images or files from your local device into Sketchpad for editing or manipulation.



The image above shows the setting bar of the sketchpad. Here it is used to set the sketch on what you prefer in using the sketchpad. Displayed from the top are:

① **Language**
Setting, ② **Theme Setting**, ③ **Save Reminder** and ④ **Switch left/right UI**.



Lastly, the image above shows the other remaining tool in sketch pad this include

① **Hand tool**, ② **Zoom**, ③ **Lasso tool**, ④ **Undo/Redo**, ⑤ **Paint Bucket**,
 ⑥ **Gradient**, ⑦ **Text** and ⑧ **Shape**.

If you want to know how to use these tools here are the description:

1. **Hand Tool:** The hand tool allows you to navigate the canvas by dragging it in any direction, useful for moving around when working on large or zoomed-in images.
2. **Zoom:** The zoom tool enables you to magnify or reduce the view of your canvas, allowing for precise editing of details or an overview of the entire image.
3. **Lasso Tool:** The lasso tool allows you to make freehand selections by drawing around the desired area, useful for selecting irregular shapes or regions within an image.
4. **Undo/Redo:** These functions allow you to reverse or repeat previous actions, giving you the flexibility to experiment and correct mistakes during the editing process.
5. **Paint Bucket:** The paint bucket tool fills enclosed areas with a selected color or pattern, making it easy to apply solid colors or textures to specific regions of your image.
6. **Gradient:** The gradient tool creates smooth transitions between two or more colors, allowing you to add depth, dimension, or visual interest to your artwork.
7. **Text:** The text tool allows you to add text or typography to your image, enabling you to include titles, labels, or other textual elements within your design.
8. **Shape:** The shape tool provides a variety of predefined geometric shapes (such as rectangles, circles, polygons, etc.) that you can easily insert into your image. These shapes can be customized in terms of size, color, and style to suit your design needs.