

2D Drawing

Eia Schoen



Agenda

- 2D Cooperative Drawing: what, why and where
- Aggie.io - Google Jamboard - Sketchtogether



2D Cooperative Drawing

What, Why and Where use them

2D Cooperative Drawing

What:

2D Drawing is....a draw

Every kind of tool:

- Paintbrushes and Crayons
- Pencils and Pens
- Hands and Fingers (with Tablet and PC)
- Your Mouse
- **A blank sheet**



2D Cooperative Drawing

What:

Cooperative Drawing



Cooking with someone else

or

Playing Piano Four (or more) Hands

Sharing a URL



Have the same blank sheet and tools



2D Cooperative Drawing

Why:

1. Help each other
2. Teach to someone
3. Play with friends

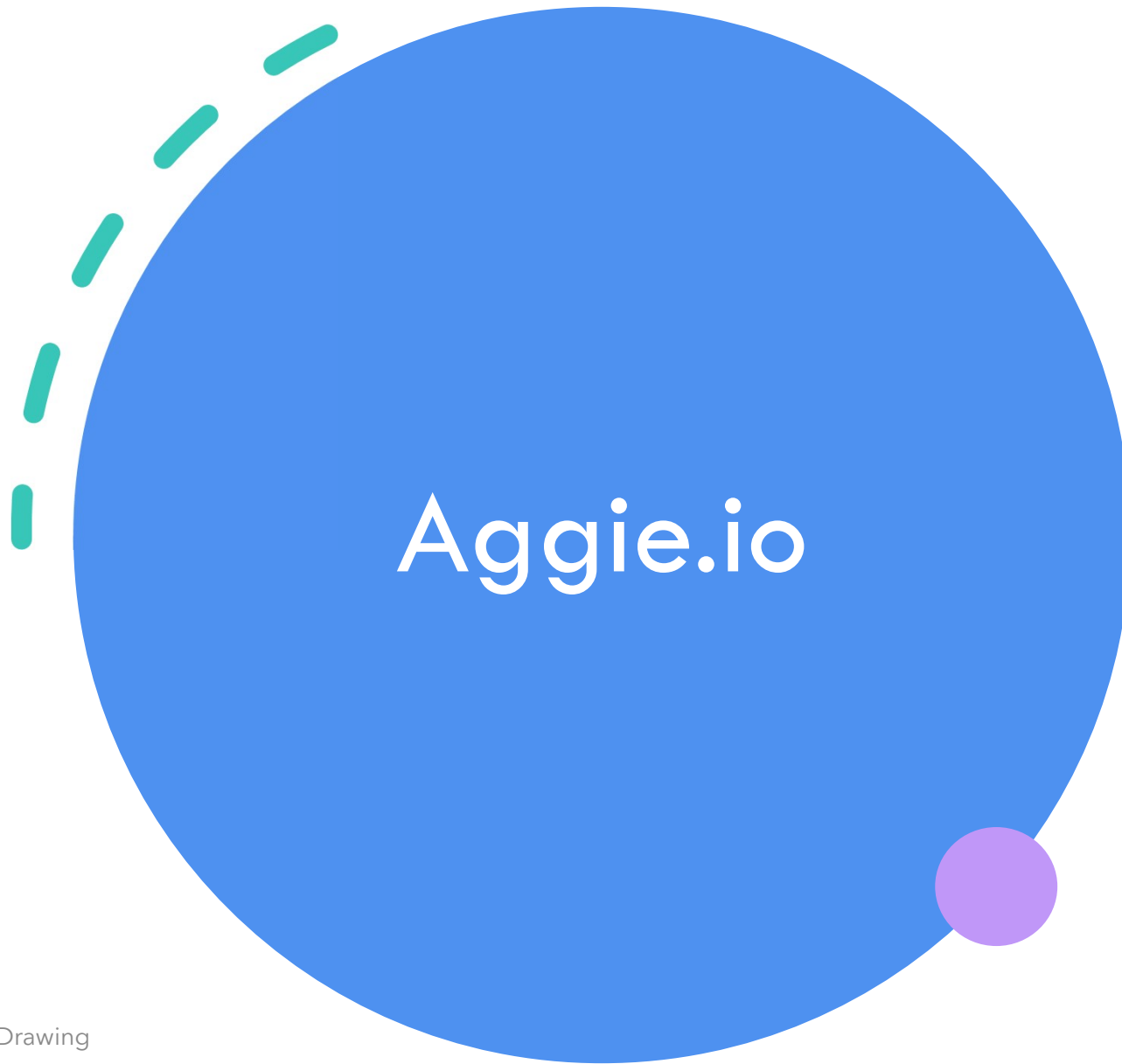


2D Cooperative Drawing

Where:

- Websites
 - Aggie (aggie.io)
 - Google Jamboard (jamboard.google.com)
 - Sketchtogether (sketchtogether.com)

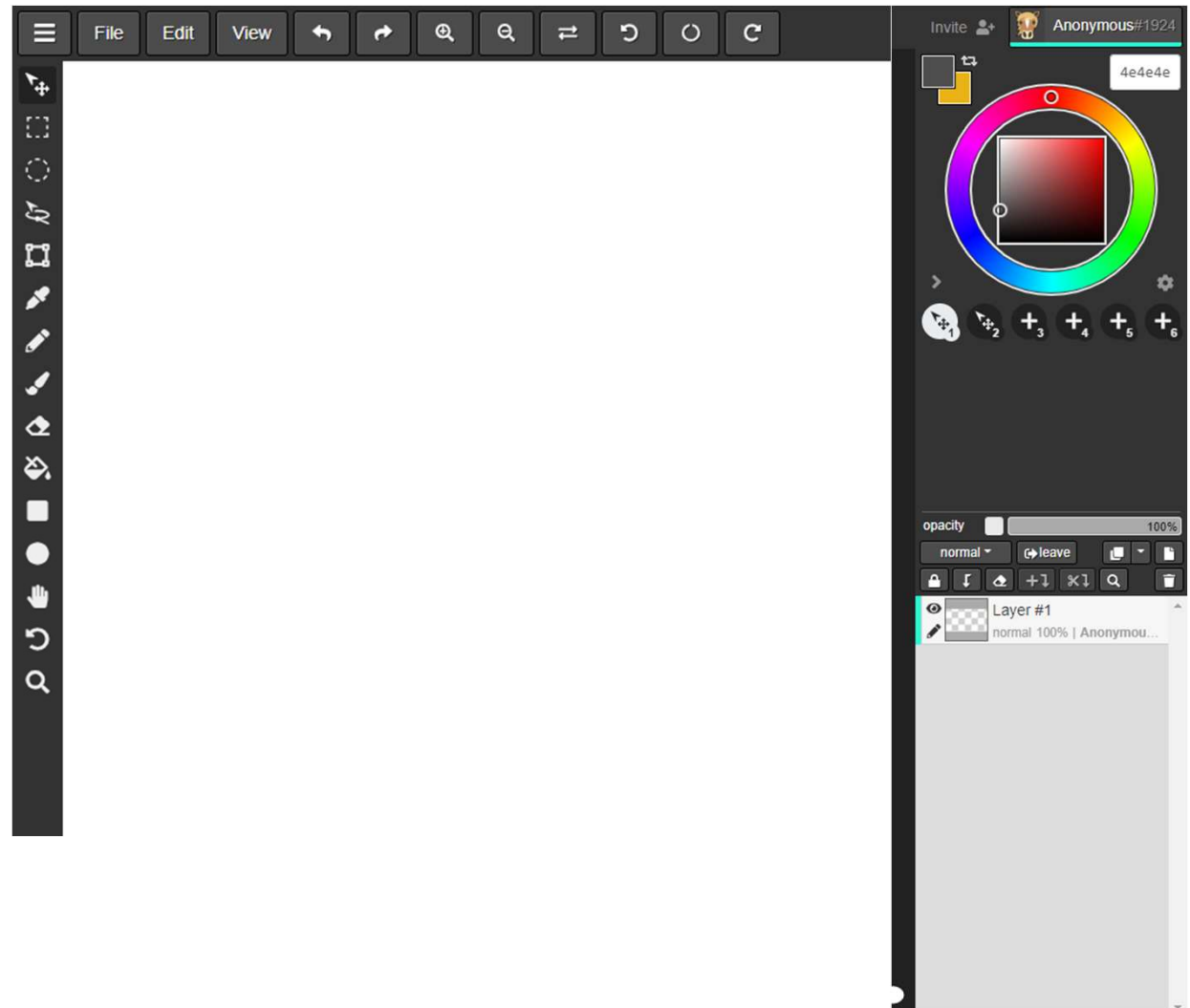




Aggie

Aggie Interface:

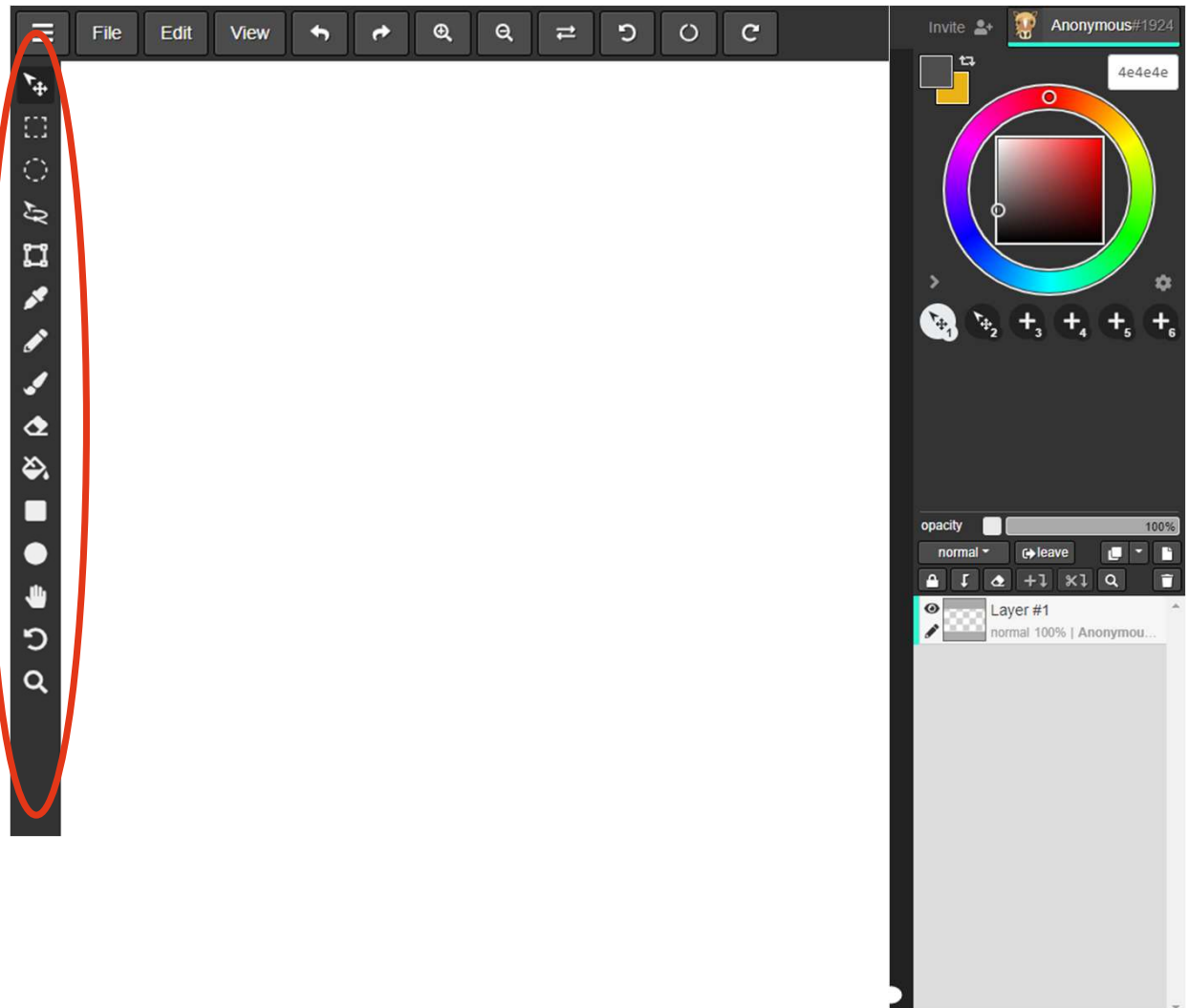
- Tools Column
- Action and Paper Control Row
- Colors Wheel
- Layers



Aggie

Aggie Interface:

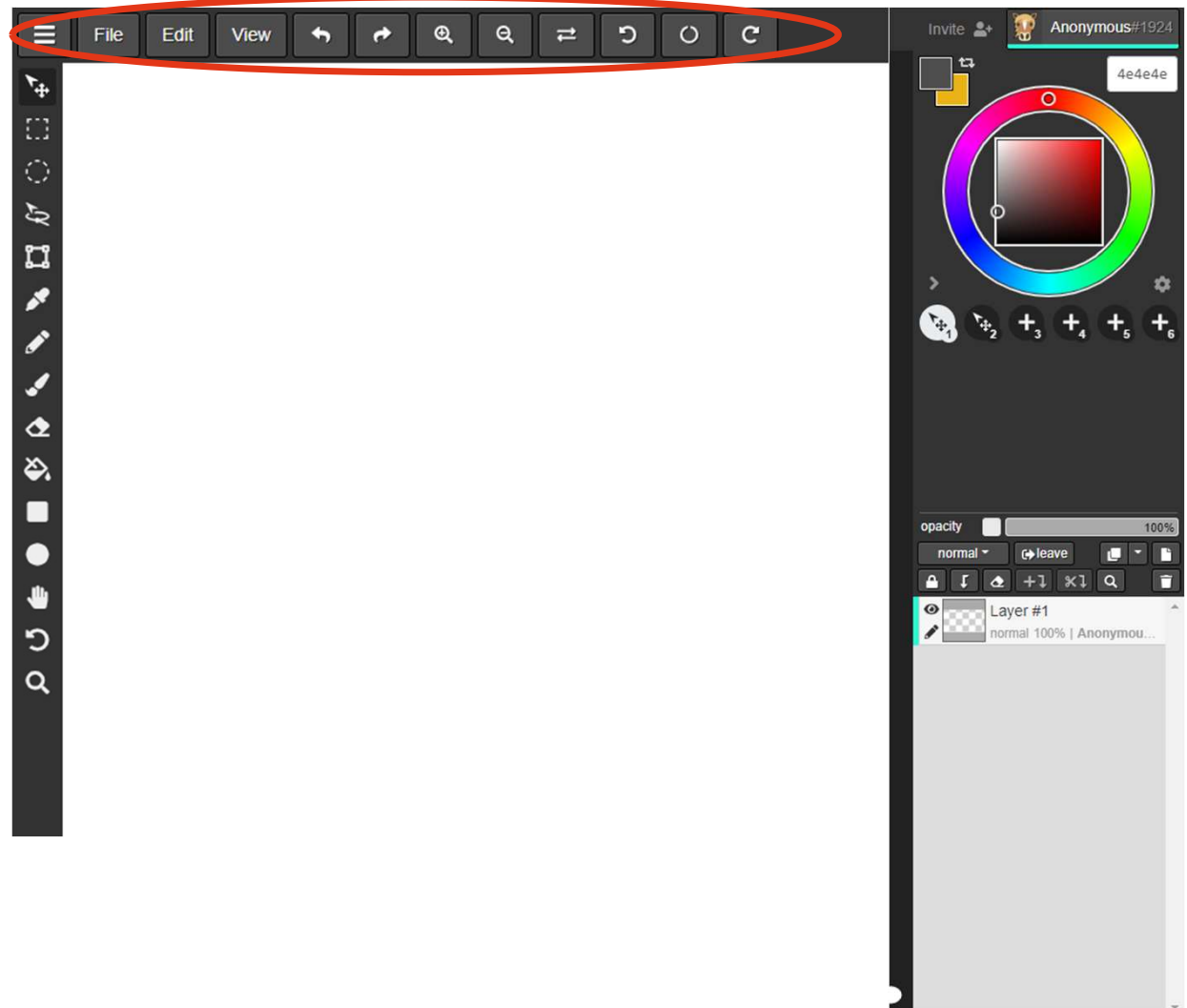
- **Tools Column**
- Action and Paper Control Row
- Colors Wheel
- Layers



Aggie

Aggie Interface:

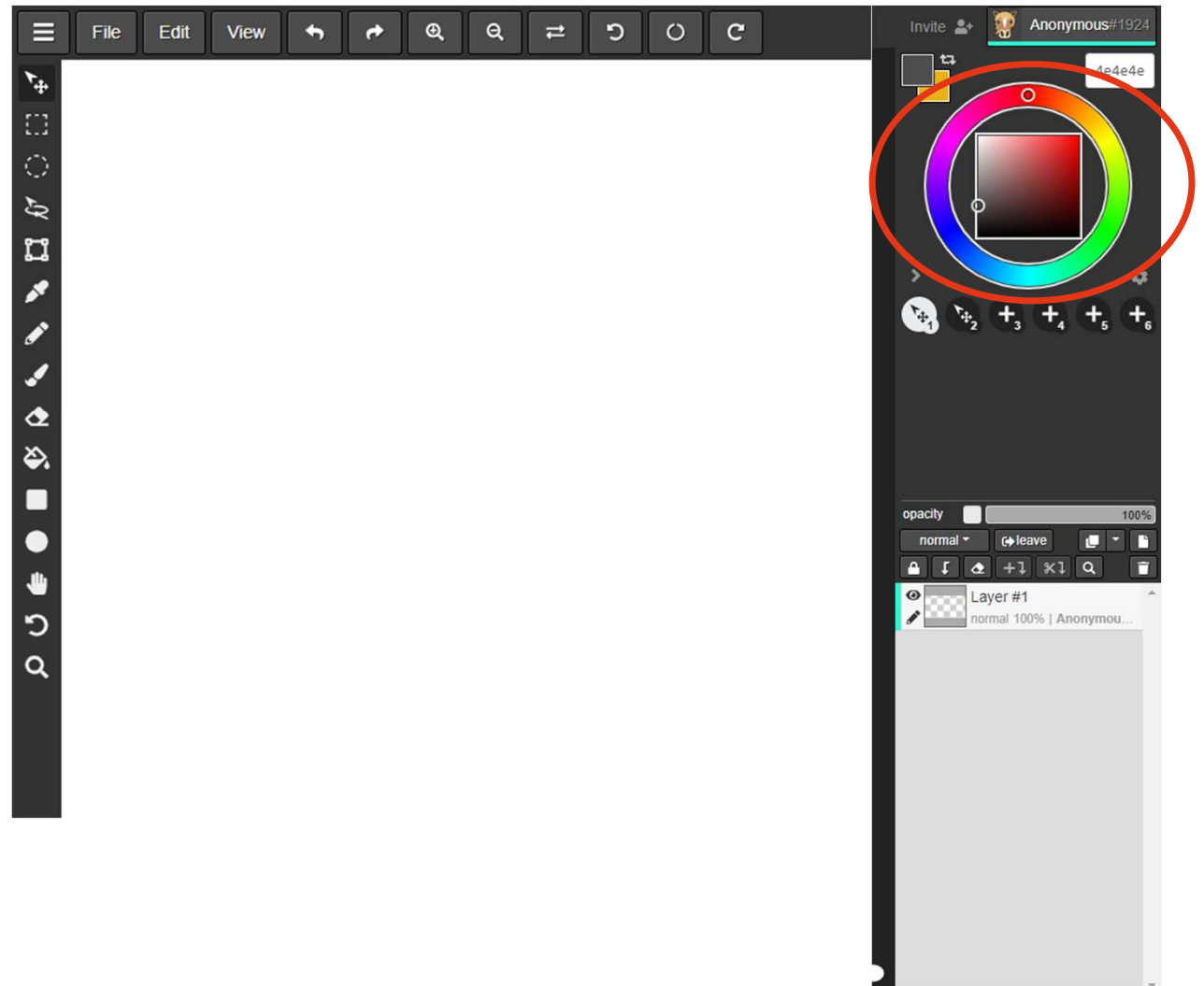
- Tools Column
- **Action and Paper Control Row**
- Colors Wheel
- Layers



Aggie

Aggie Interface:

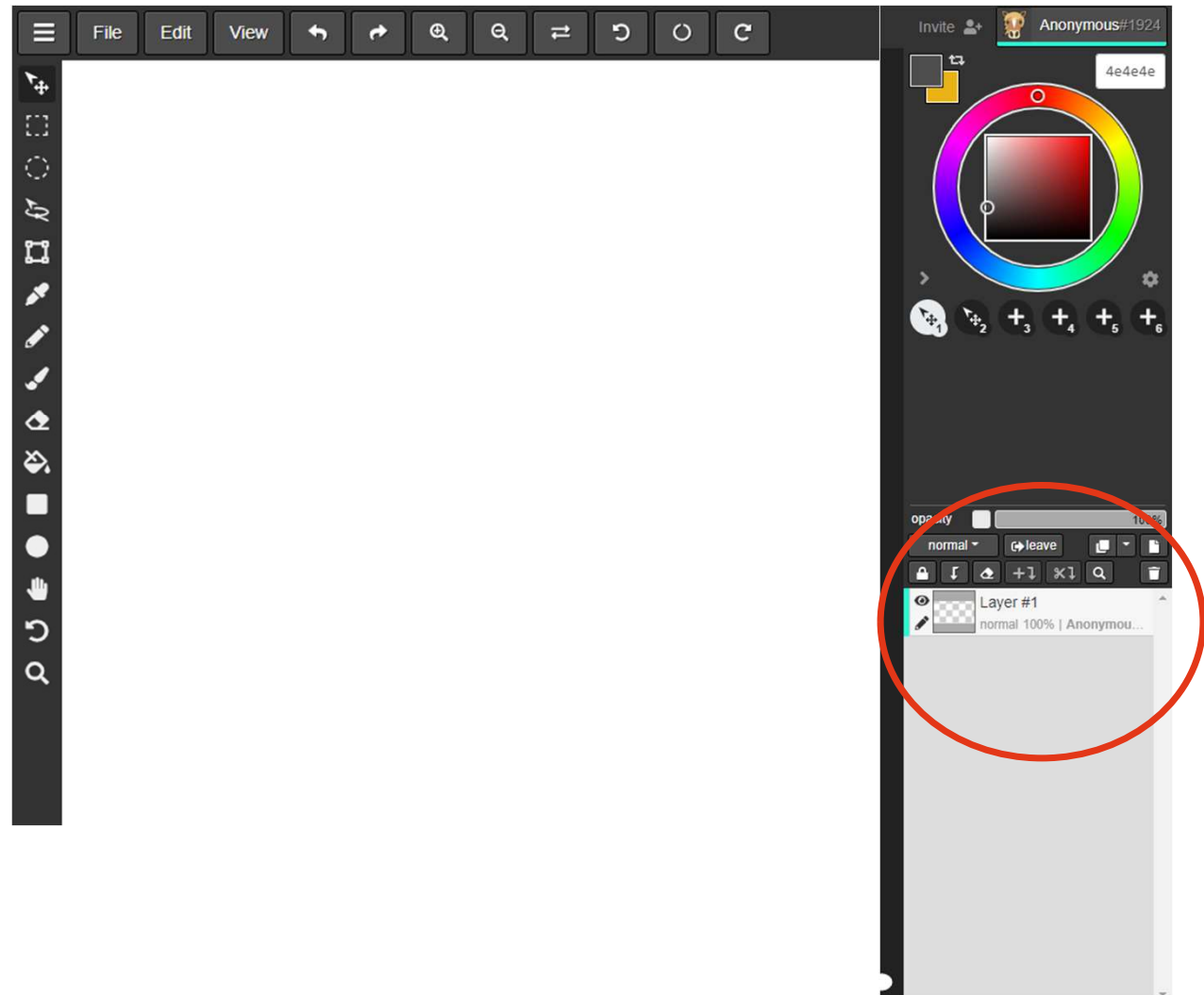
- Tools Column
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Aggie

Aggie Interface:

- Tools Column
- Action and Paper Control Row
- Colors Wheel
- **Layers**



Aggie – Tools Column

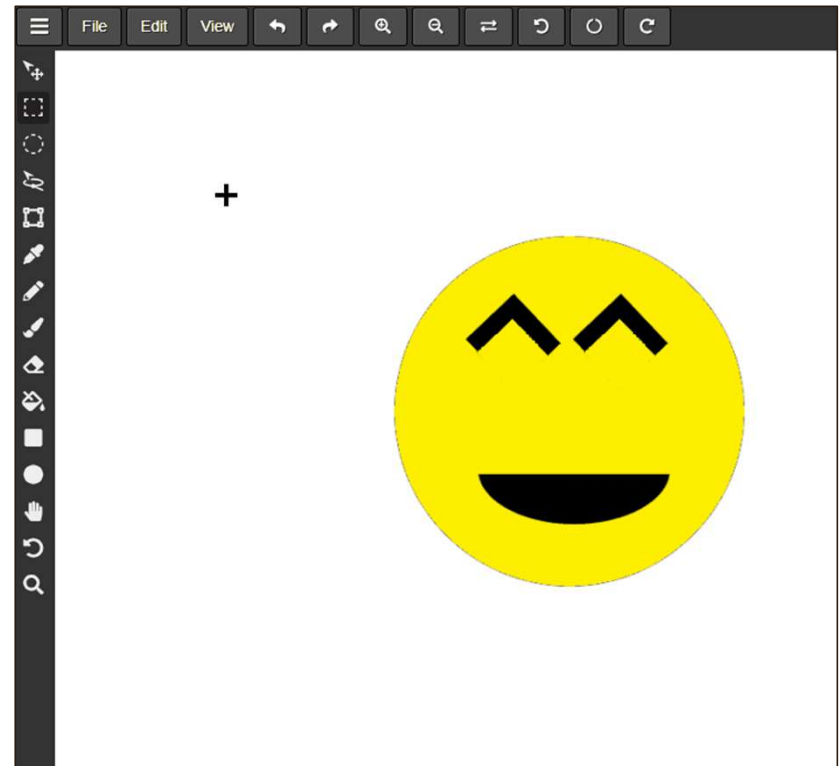


- Move tool
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- Pencil
- Brush

Aggie – Tools Column



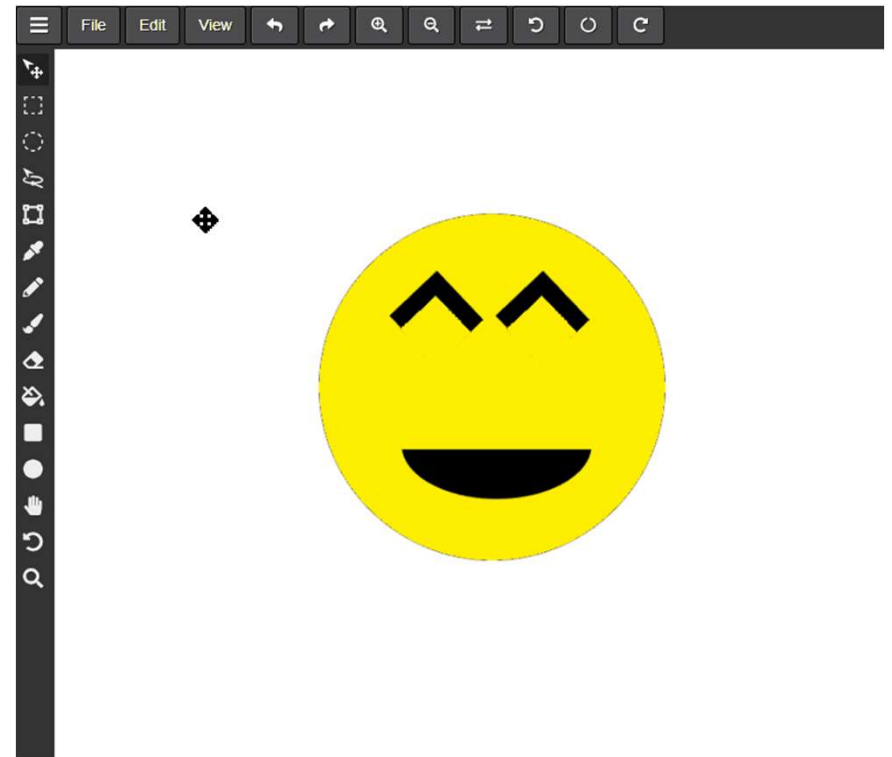
- **Move tool**
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



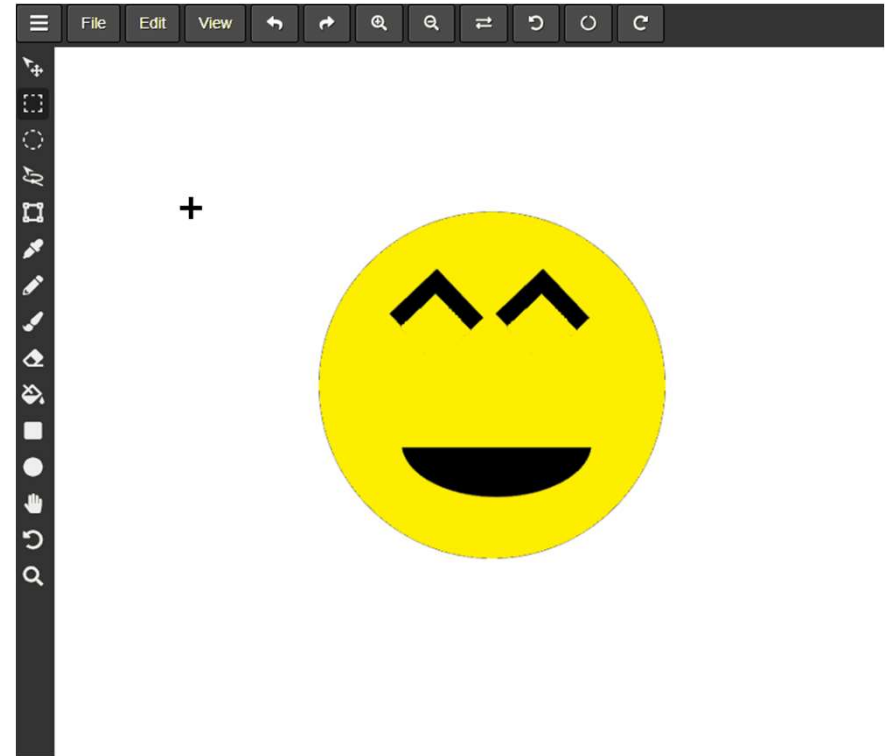
- Move tool
- **Square Selection**
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



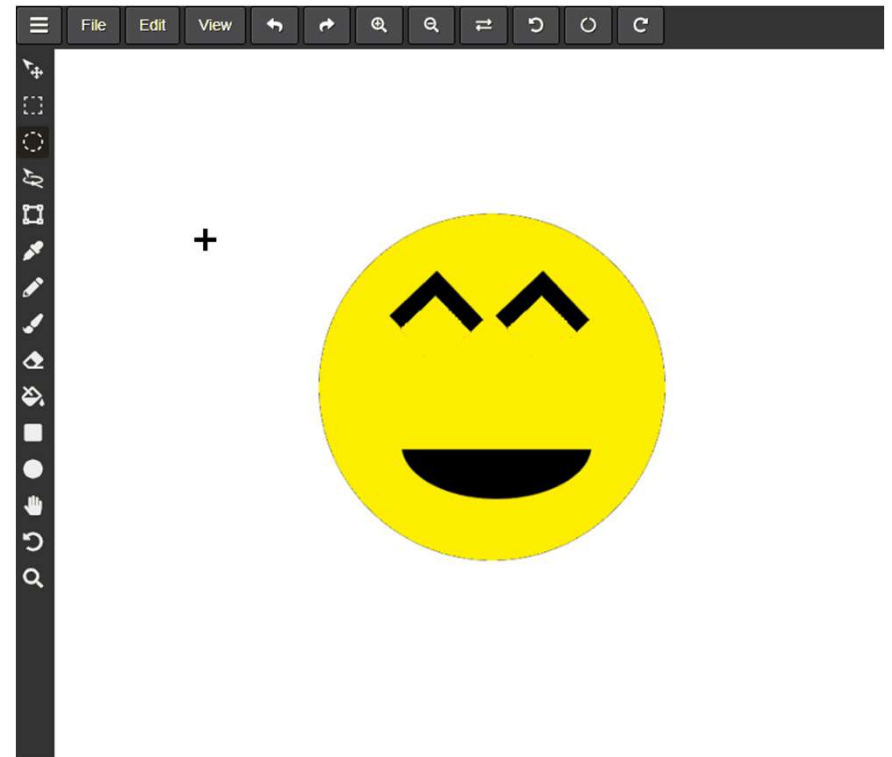
- Move tool
- Square Selection
- **Circle Selection**
- Lasso Selection
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



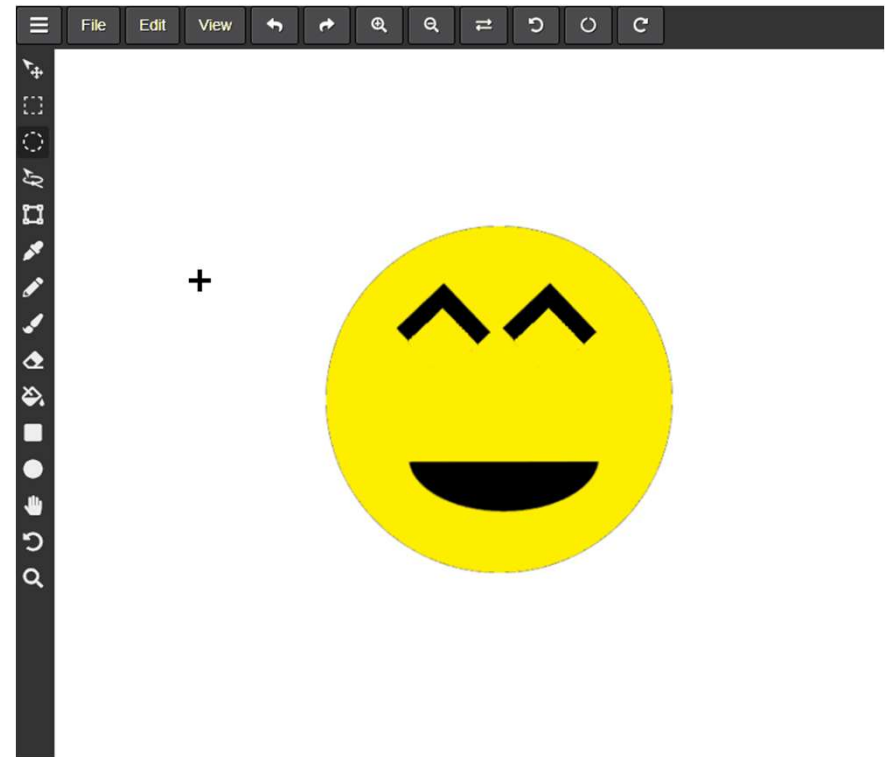
- Move tool
- Square Selection
- Circle Selection
- **Lasso Selection**
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



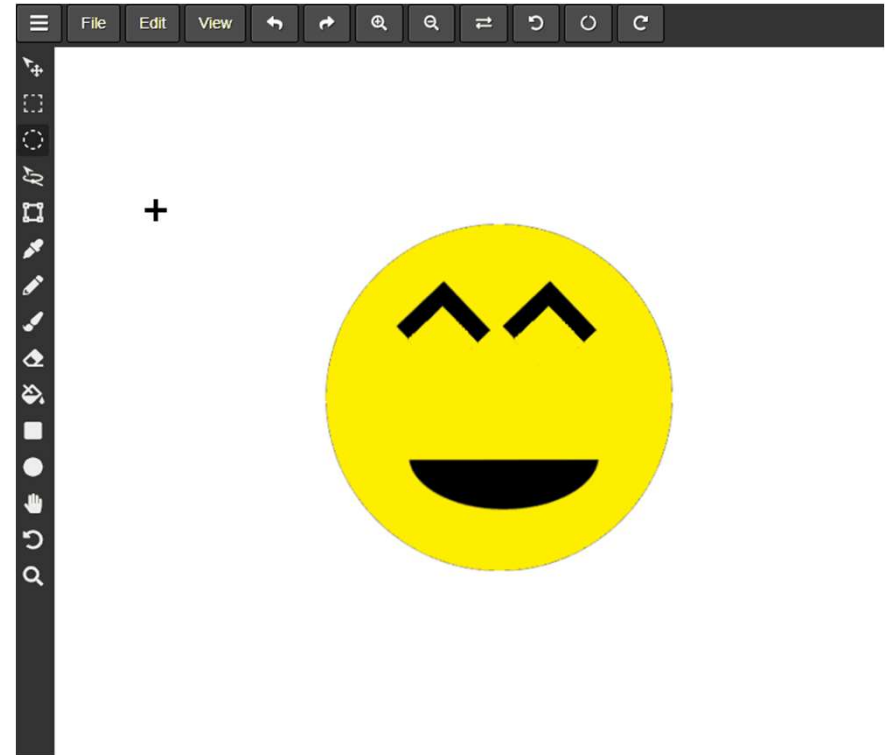
- Move tool
- Square Selection
- Circle Selection
- **Lasso Selection**
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



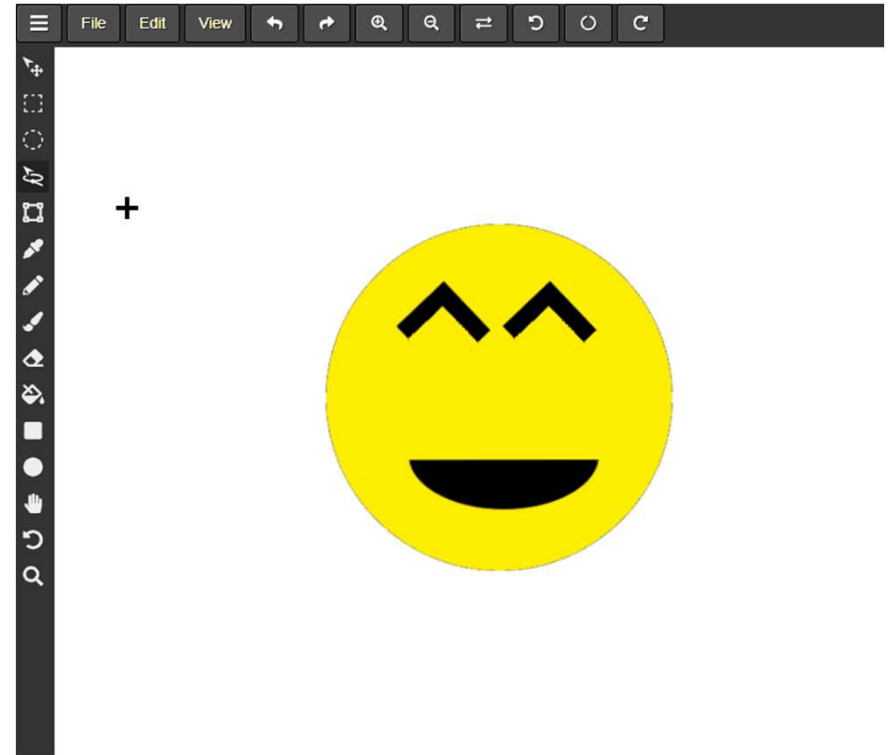
- Move tool
- Square Selection
- Circle Selection
- **Lasso Selection**
- Transform
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



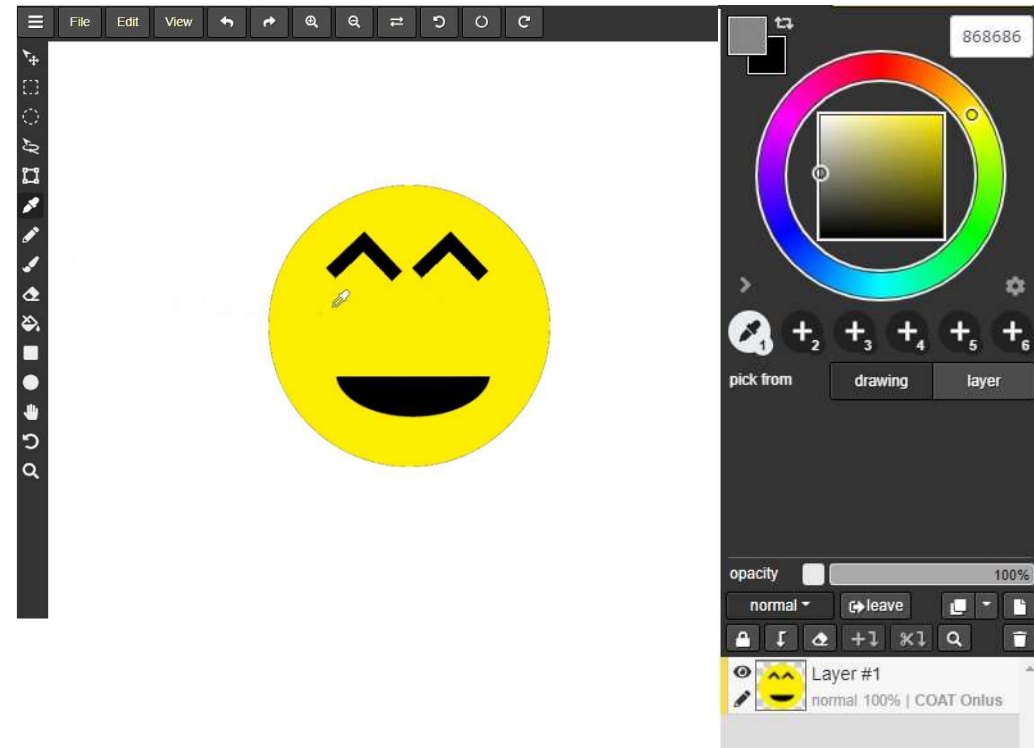
- Move tool
- Square Selection
- Circle Selection
- Lasso Selection
- **Transform**
- Eyedropper
- Pencil
- Brush



Aggie – Tools Column



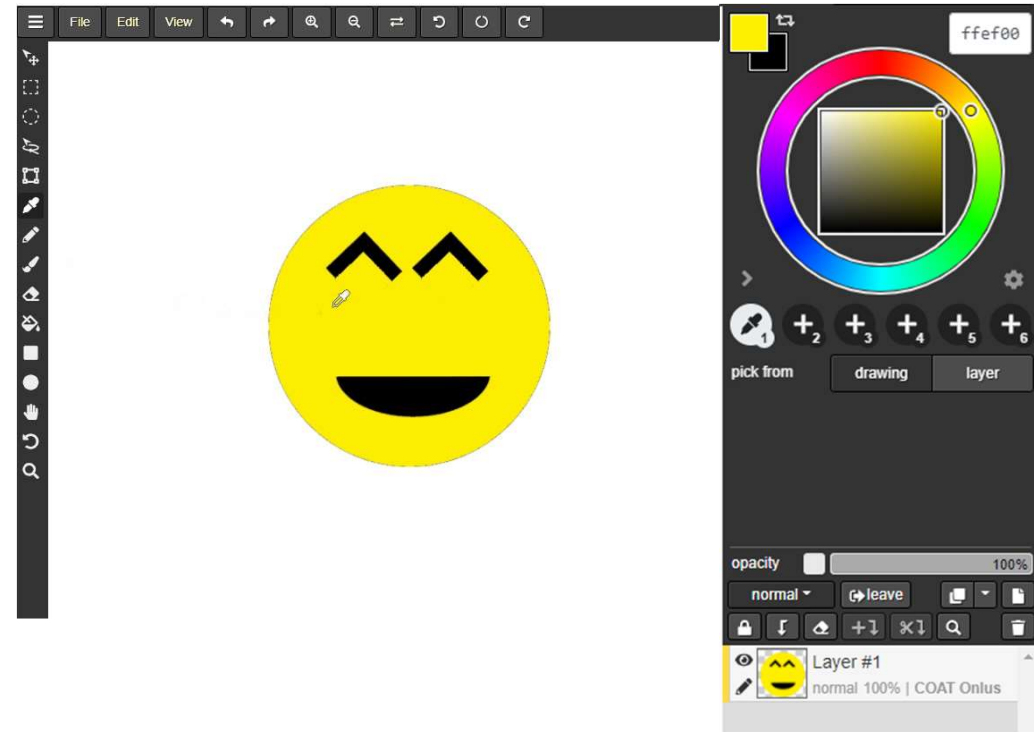
- Move tool
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- **Eyedropper**
- Pencil
- Brush



Aggie – Tools Column



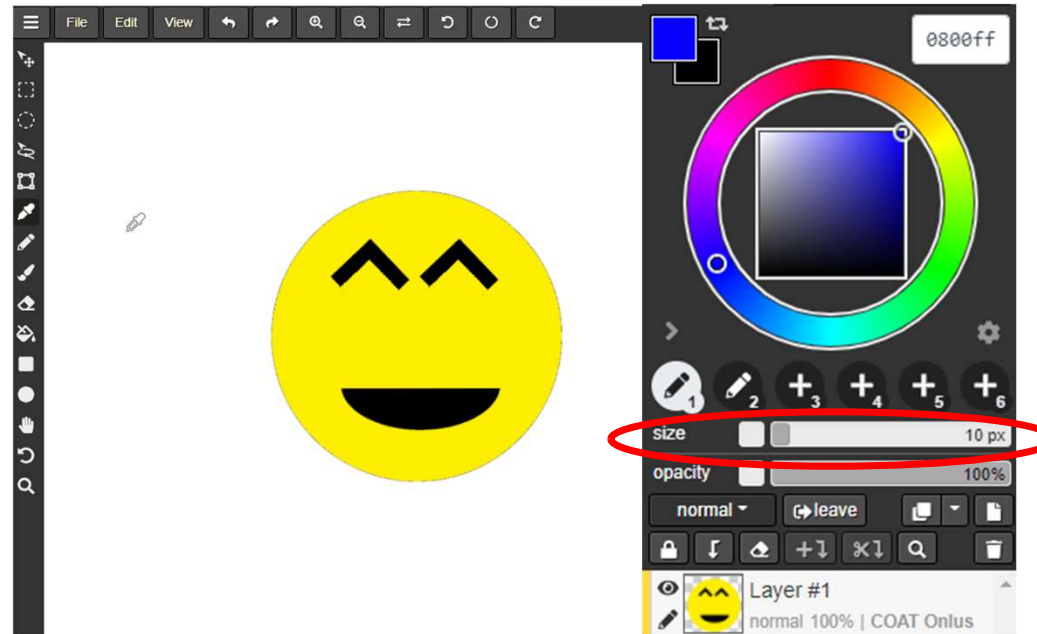
- Move tools
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- **Eyedropper**
- Pencil
- Brush



Aggie – Tools Column



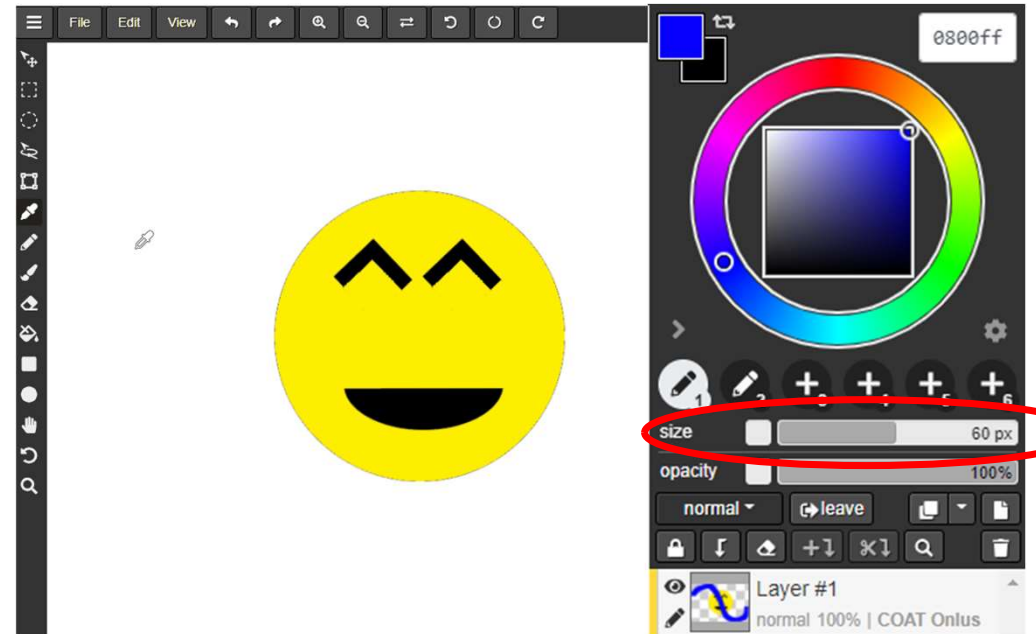
- Move tools
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- **Pencil**
- Brush



Aggie – Tools Column



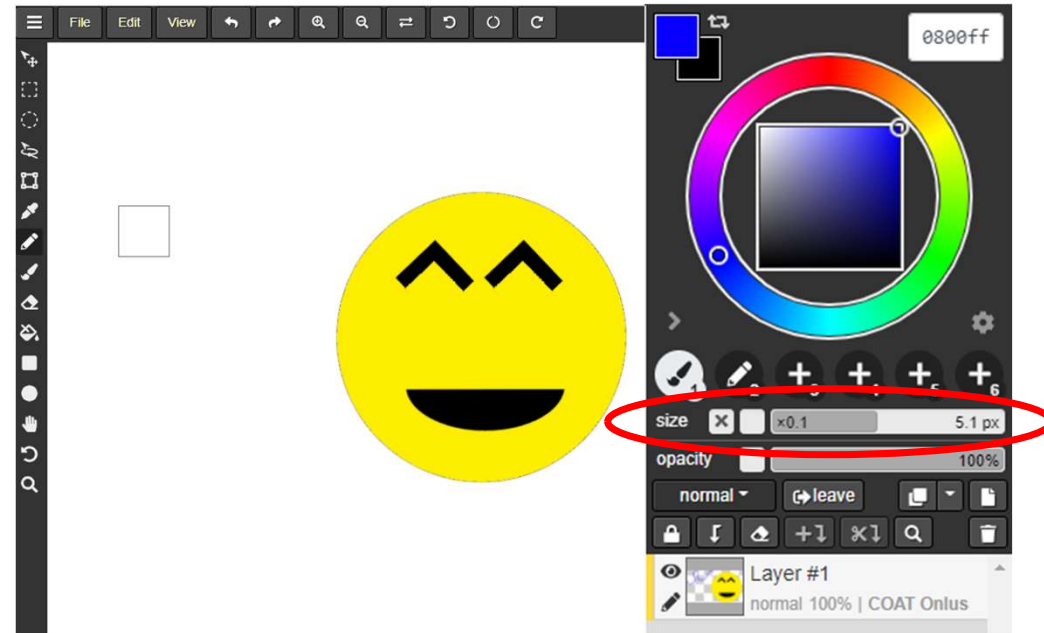
- Move tools
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- **Pencil**
- Brush



Aggie – Tools Column

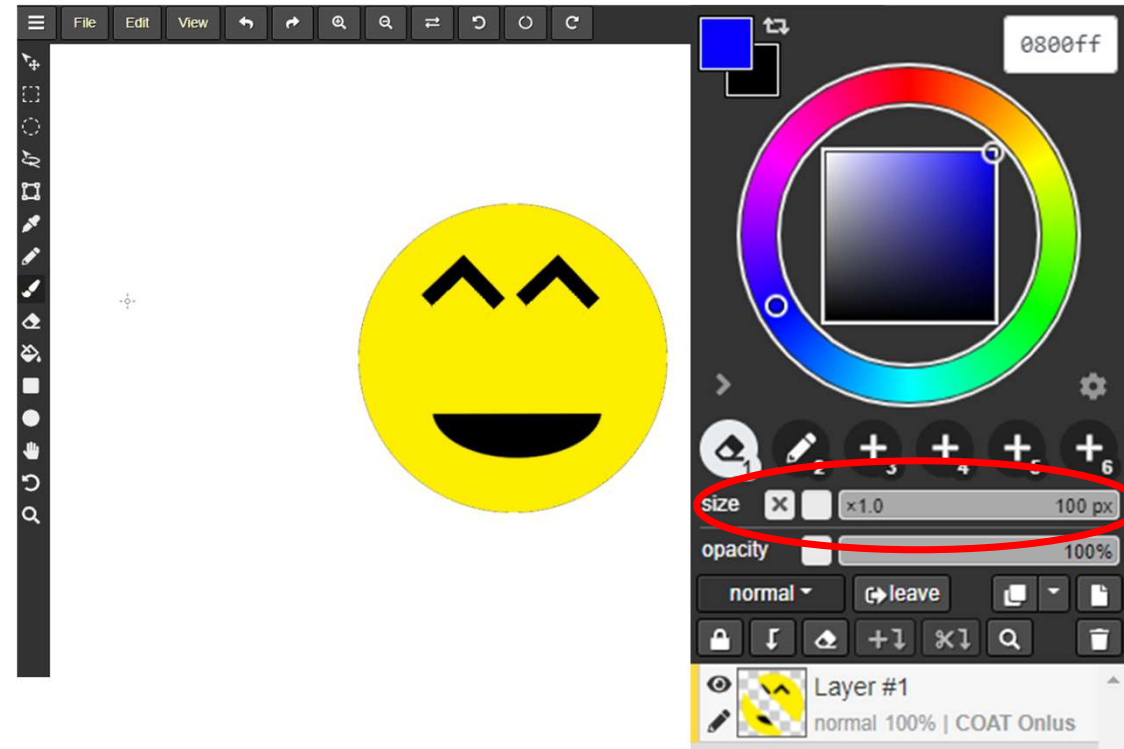


- Move tools
- Square Selection
- Circle Selection
- Lasso Selection
- Transform
- Eyedropper
- Pencil
- **Brush**



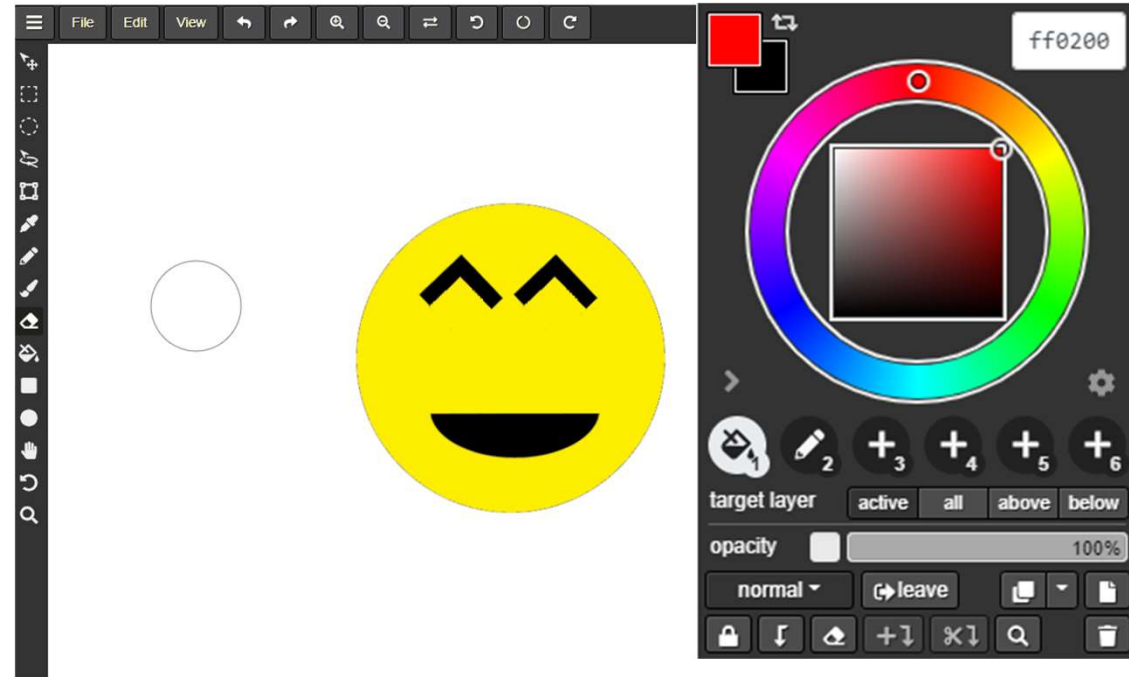
Aggie – Tools Column

- Eraser/Rubber
- Paint Bucket
- Shape Rectangle
- Shape Ellipse
- Hand/Pan Paper
- Rotate tool
- Zoom



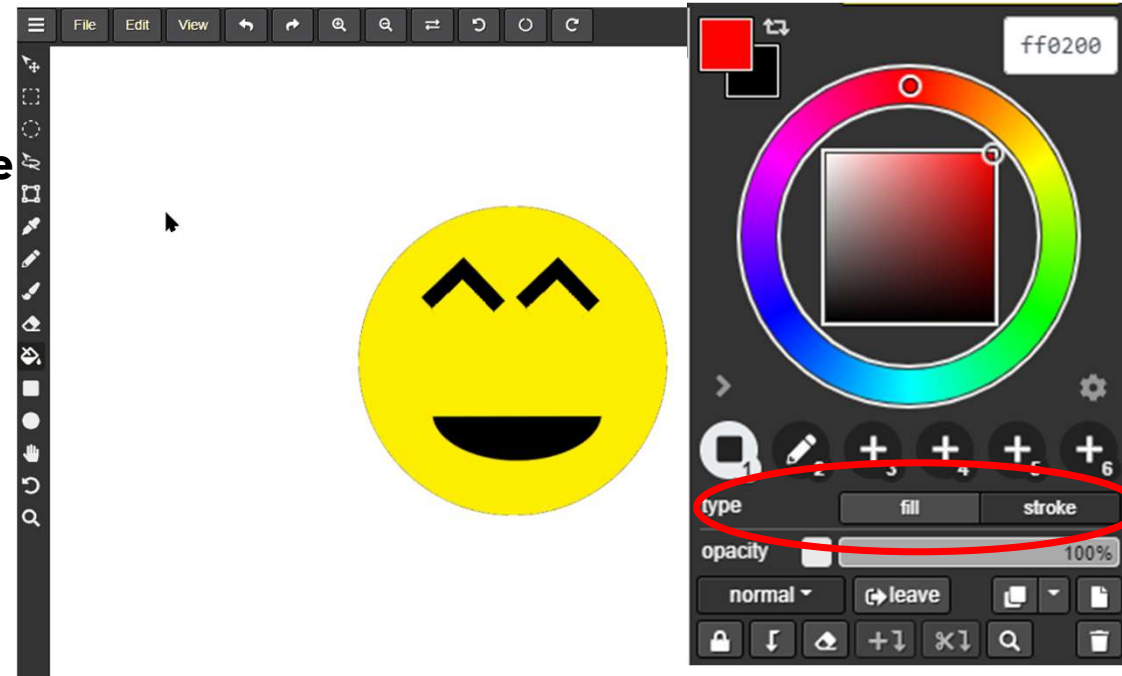
Aggie – Tools Column

- Eraser/Rubber
- **Paint Bucket**
- Shape Rectangle
- Shape Ellipse
- Hand/Pan Paper
- Rotate tool
- Zoom



Aggie – Tools Column

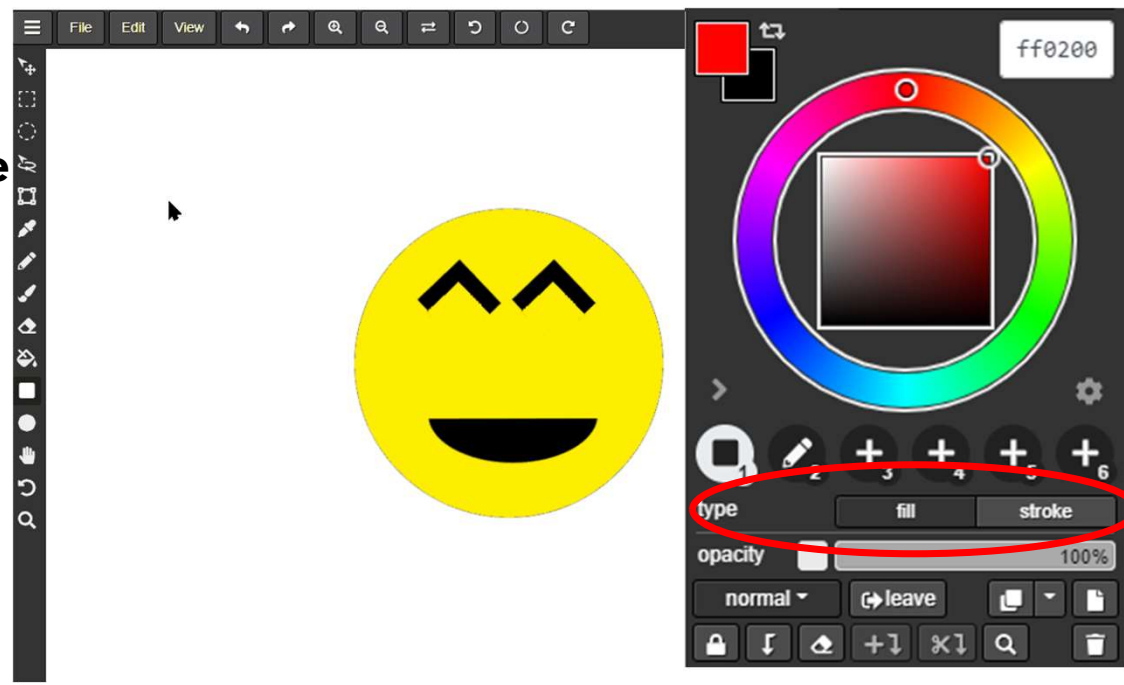
- Eraser/Rubber
- Paint Bucket
- **Shape Rectangle**
- Shape Ellipse
- Hand/Pan Paper
- Rotate tool
- Zoom





Aggie – Tools Column

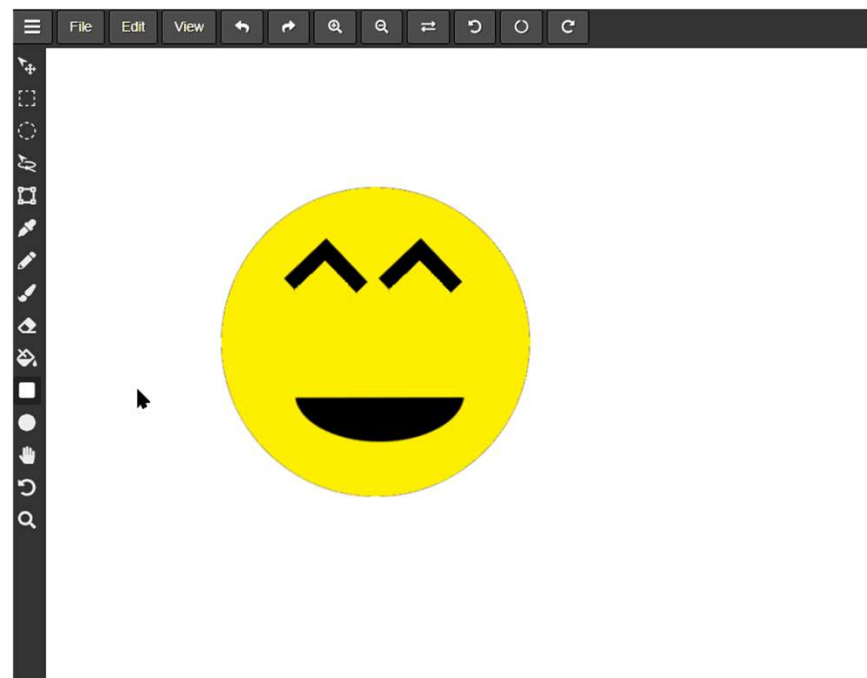
- Eraser/Rubber
- Paint Bucket
- **Shape Rectangle**
- Shape Ellipse
- Hand/Pan Paper
- Rotate tool
- Zoom





Aggie – Tools Column

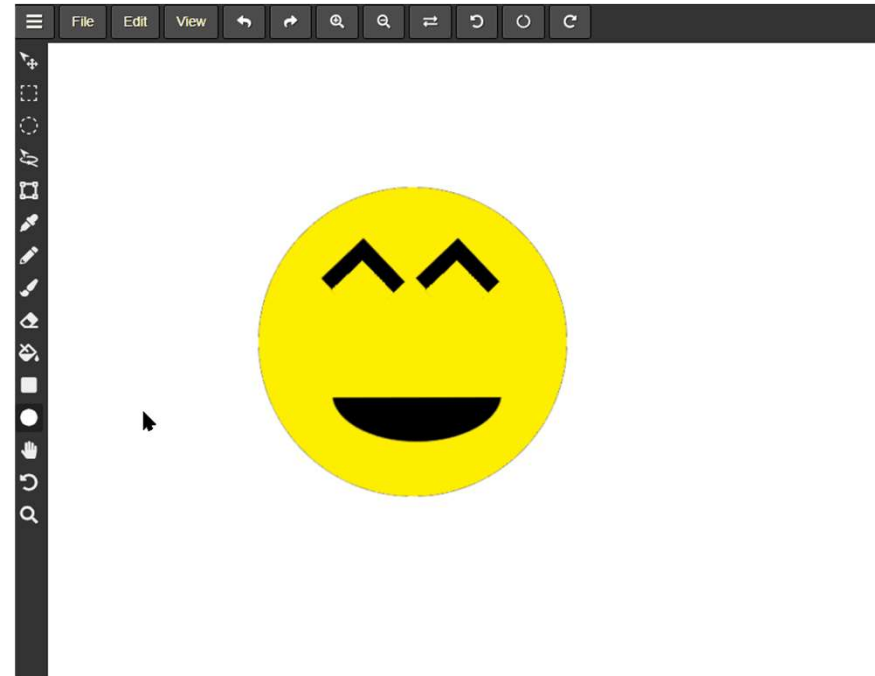
- Eraser/Rubber
- Paint Bucket
- Shape Rectangle
- **Shape Ellipse**
- Hand/Pan Paper
- Rotate tool
- Zoom





Aggie – Tools Column

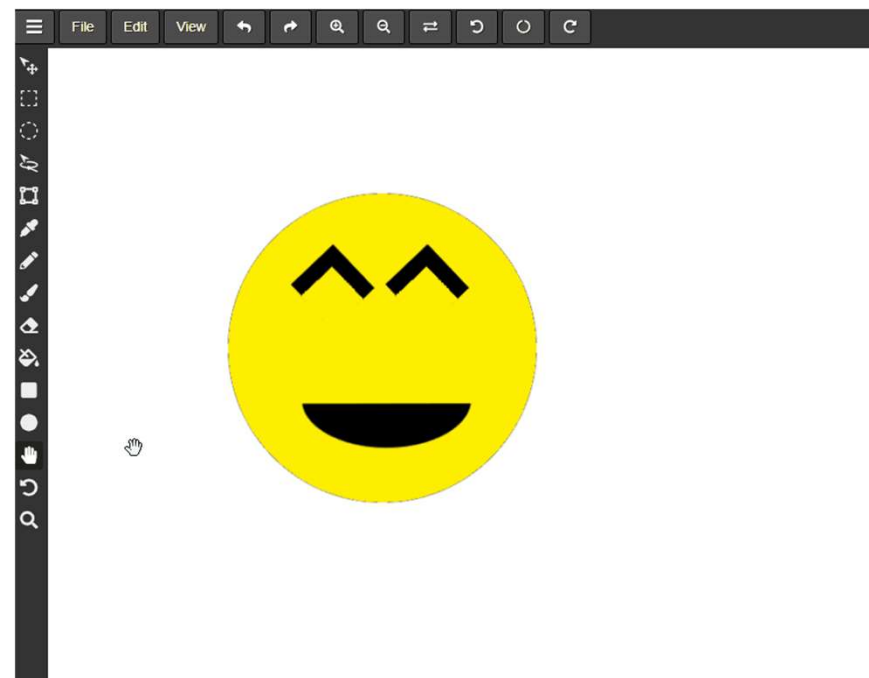
- Eraser/Rubber
- Paint Bucket
- Shape Rectangle
- Shape Ellipse
- **Hand/Pan Paper**
- Rotate tool
- Zoom





Aggie – Tools Column

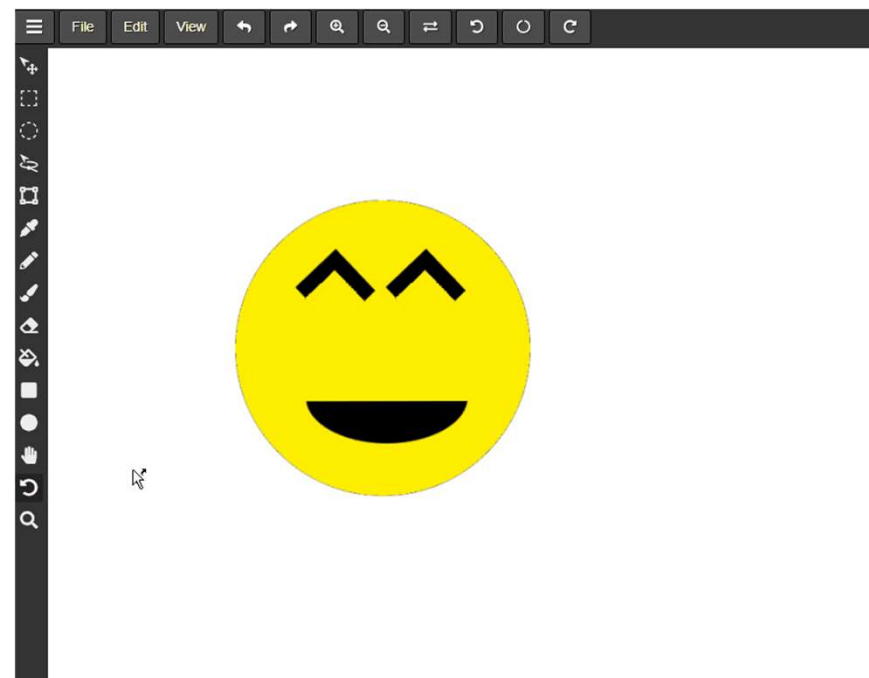
- Eraser/Rubber
- Paint Bucket
- Shape Rectangle
- Shape Ellipse
- Hand/Pan Paper
- **Rotate tool**
- Zoom





Aggie – Tools Column

- Eraser/Rubber
- Paint Bucket
- Shape Rectangle
- Shape Ellipse
- Hand/Pan Paper
- Rotate tool
- **Zoom (Scroll or Move)**



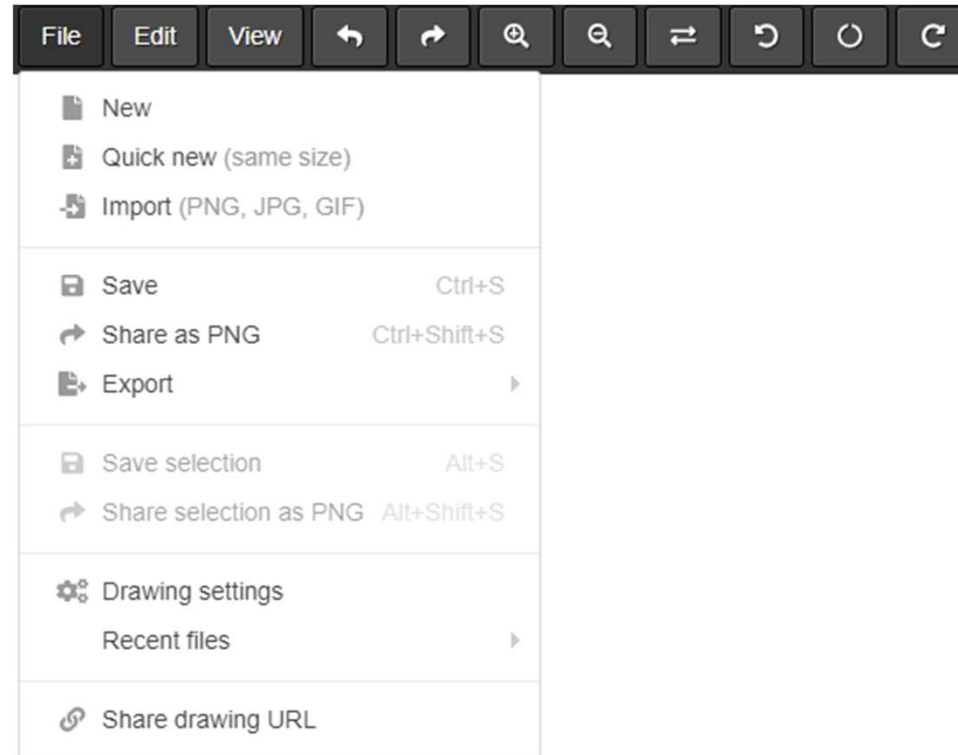


Aggie – Action and Paper Control Row



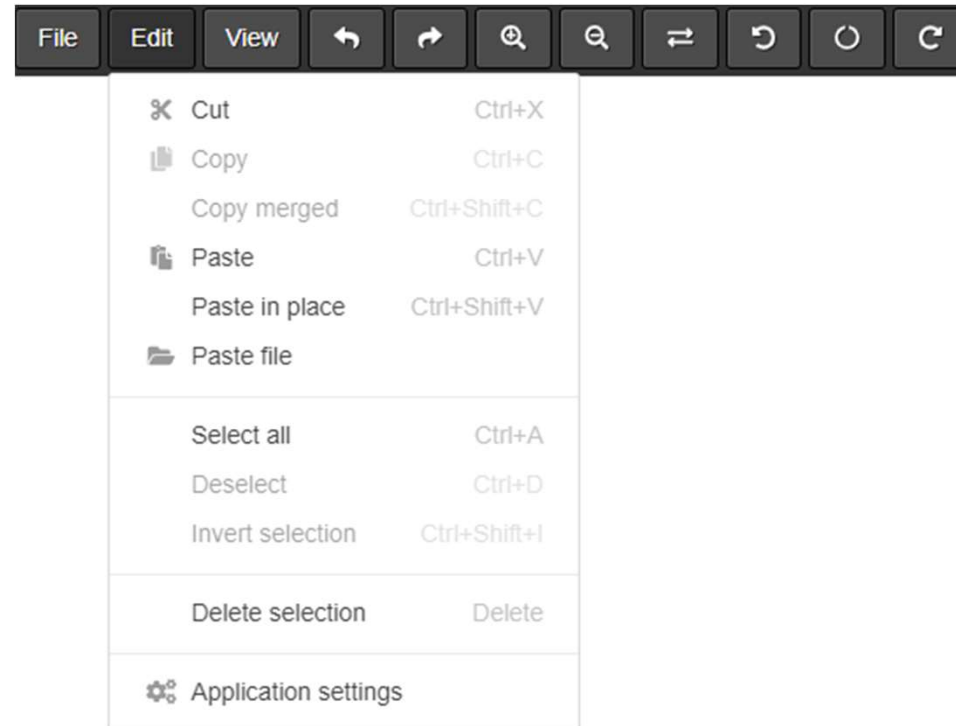


Aggie – Action and Paper Control Row



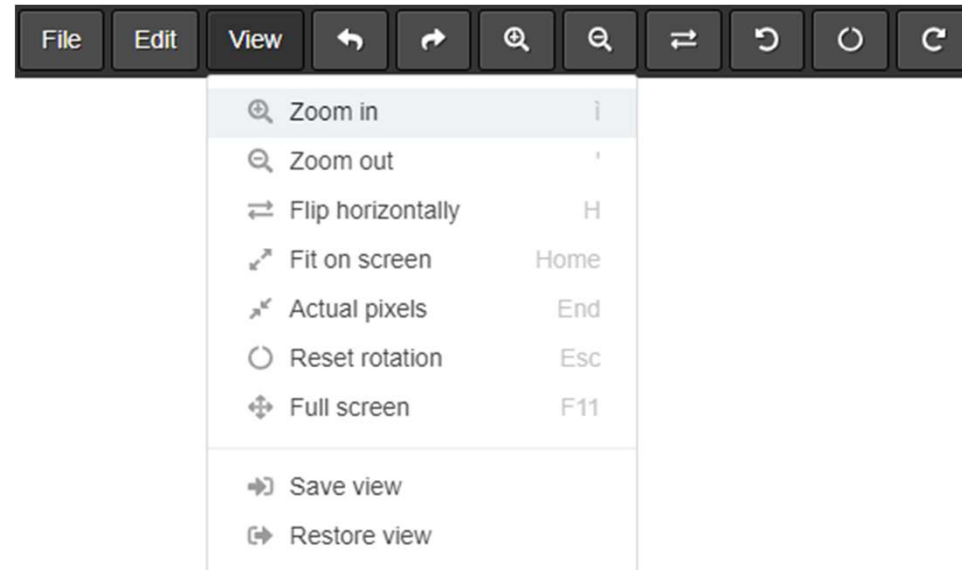


Aggie – Action and Paper Control Row



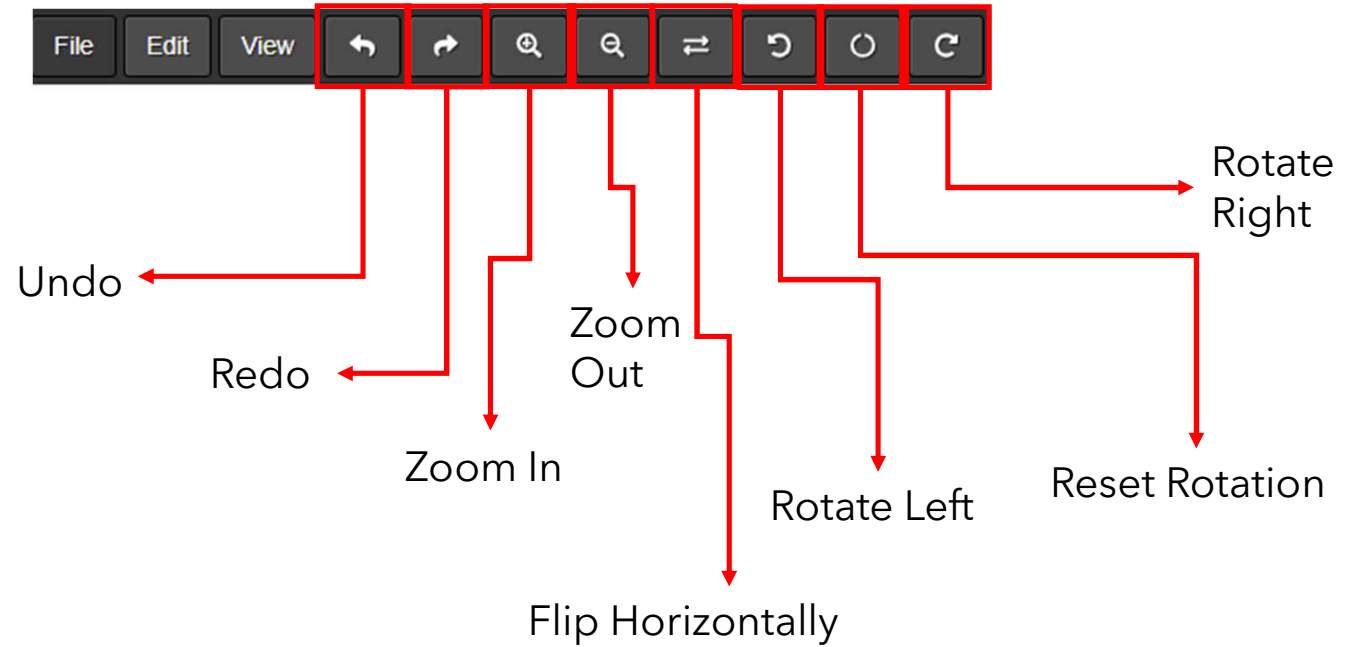


Aggie.io – Action and Paper Control Row



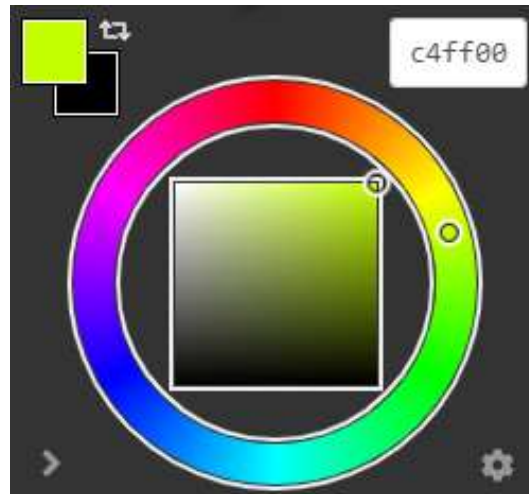


Aggie – Action and Paper Control Row





Aggie – Color Wheel

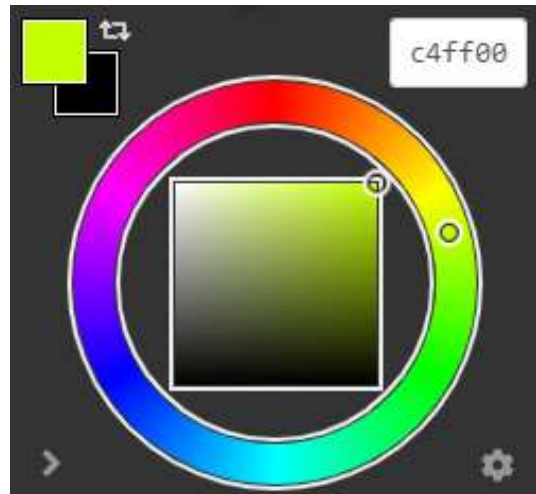


Change the color of your shape and tools.

Just click on the external circle to choose the color and on the internal square to change the hue of the chosen color

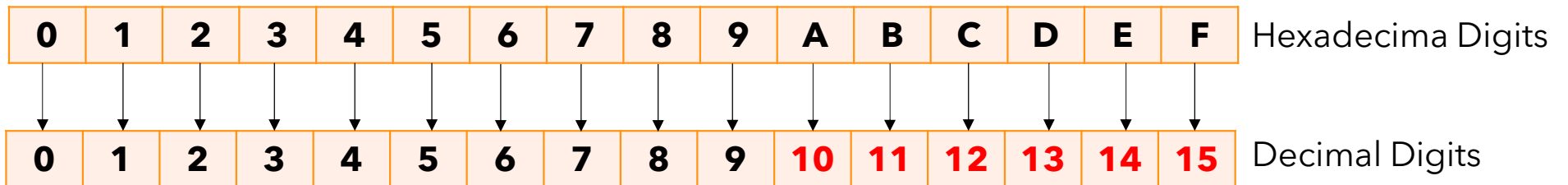


Aggie – Color Wheel



Each color has its own hexadecimal code.

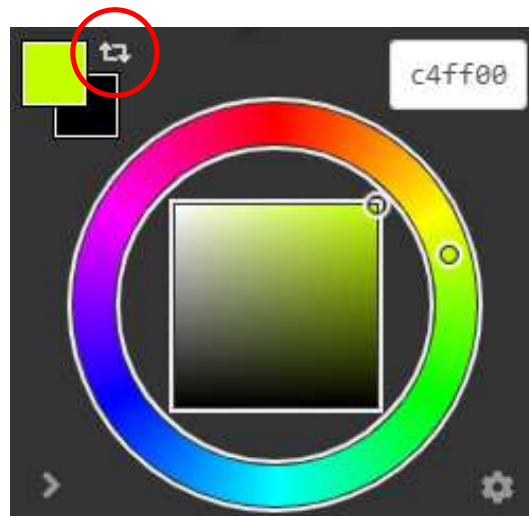
C4FF00 means **Lime Color**





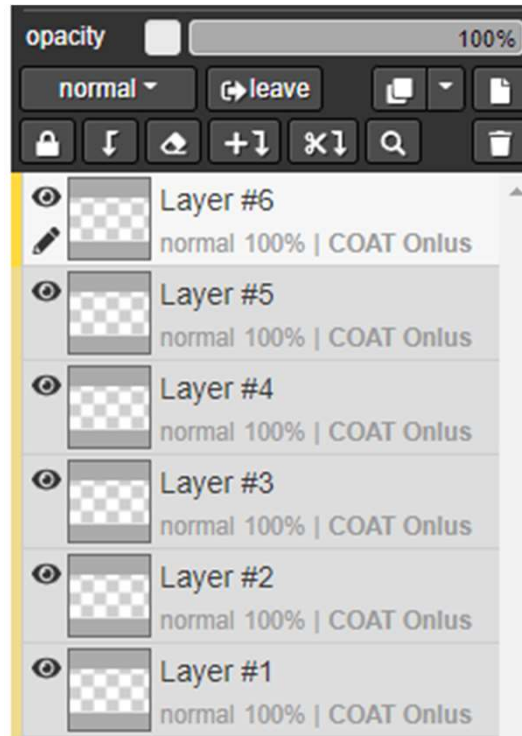
Aggie – Color Wheel

Quickly change between two color with
just one click





Aggie – Layer & Control



A layer is like a transparent sheet

More layer are like sheet **one over the other**

Pros:

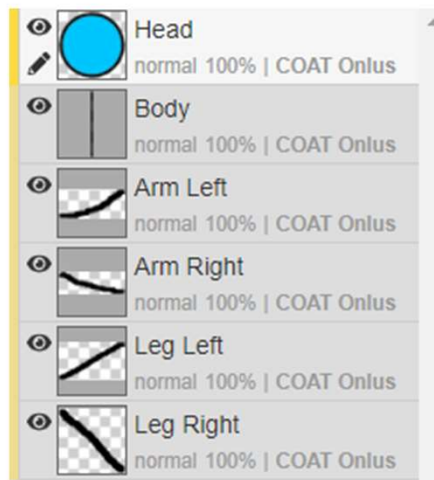
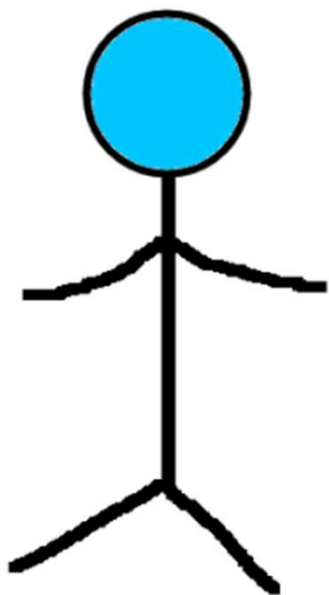
- Order in draw
- Safety in modify

Cons:

- Harder to use
- Sometimes muddler (rename Layer)



Aggie.io – Layer



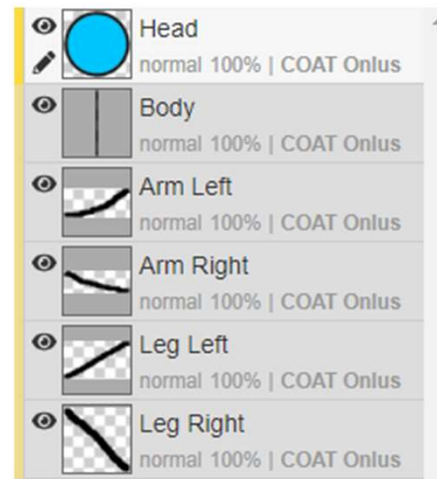
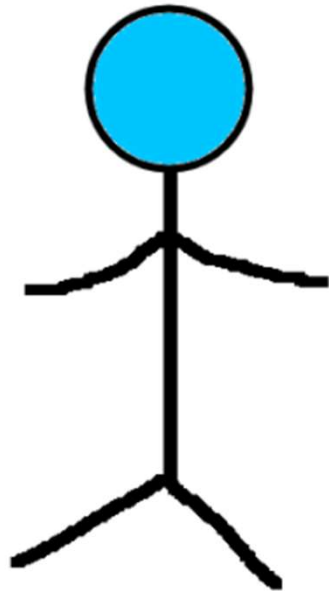
6 Levels

6 body parts

Now **HEAD** Layer is *selected*



Aggie.io – Layer



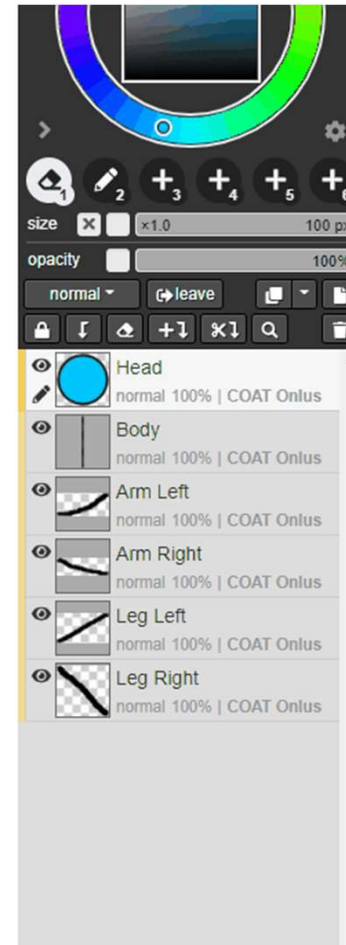
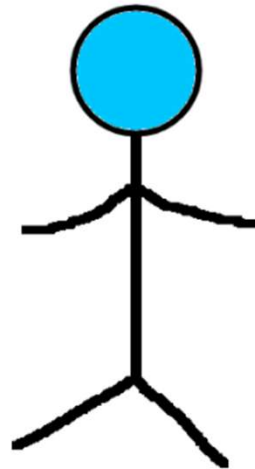
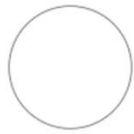
6 Levels

6 body parts

Now **HEAD** Layer is *selected*

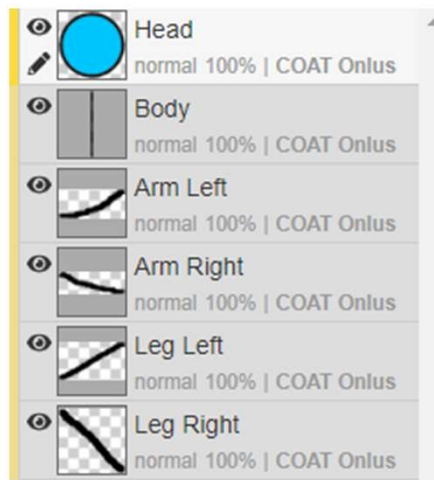
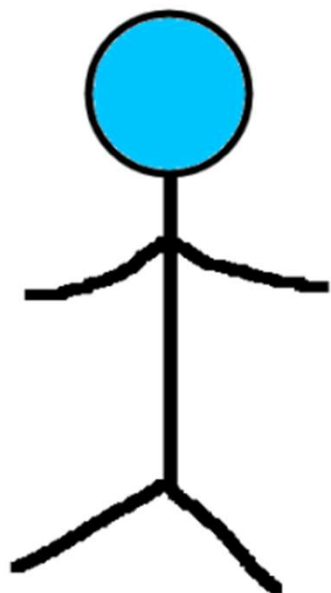
*What happens if I would to
erase all?*

Aggie.io – Layer





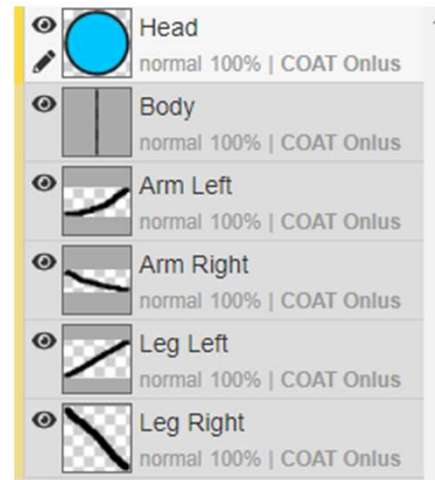
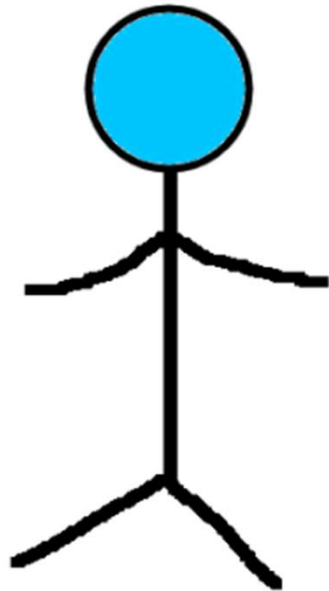
Aggie.io – Layer



I can act **ONLY** on selected layer



Aggie.io – Layer

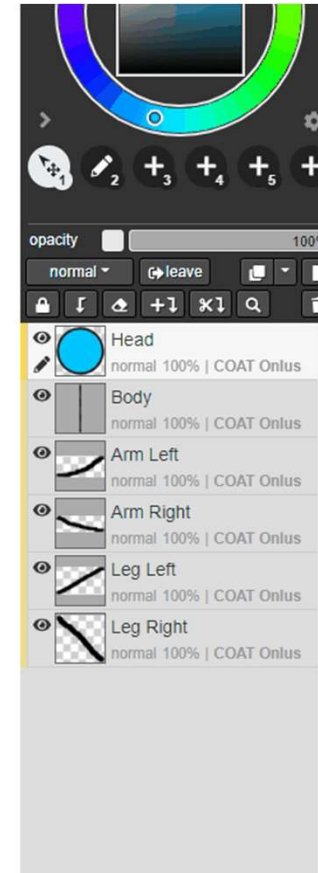
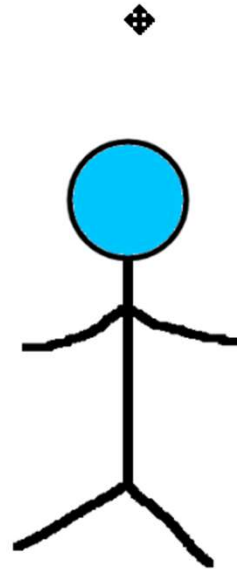


I can act **ONLY** on selected layer

Now let's try to move the head

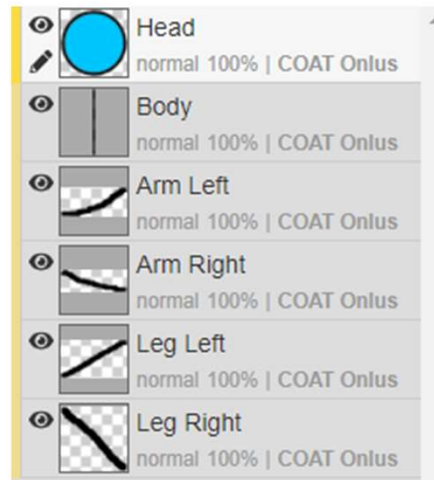
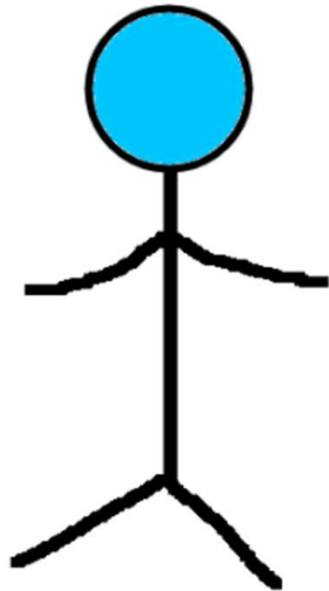


Aggie.io – Layer





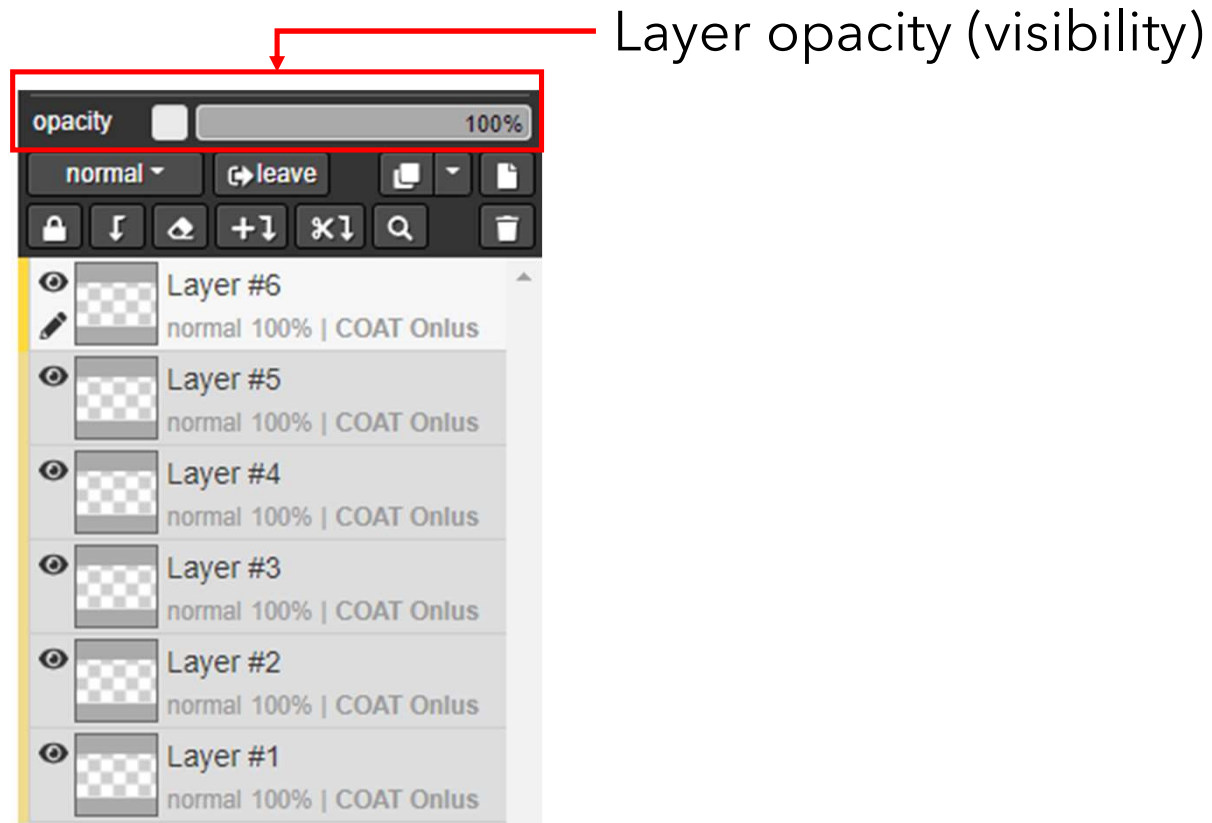
Aggie.io – Layer



Moving layers means shift them under or over others layer as when you put a transparent paper under (or over) the others

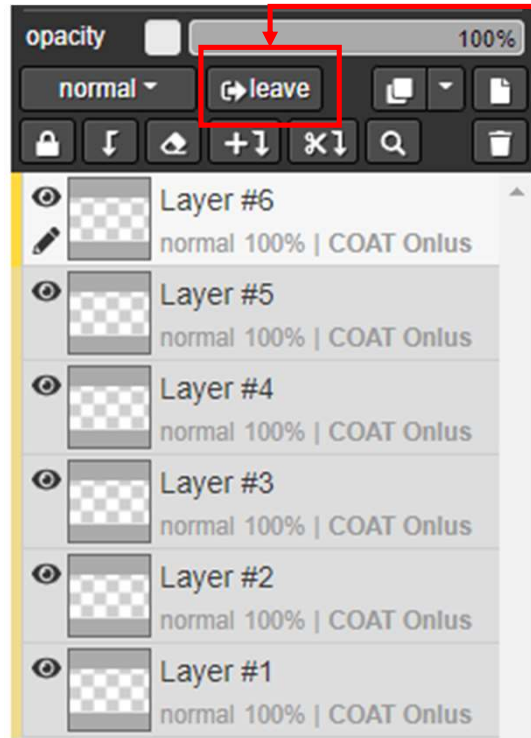


Aggie – Layer Control





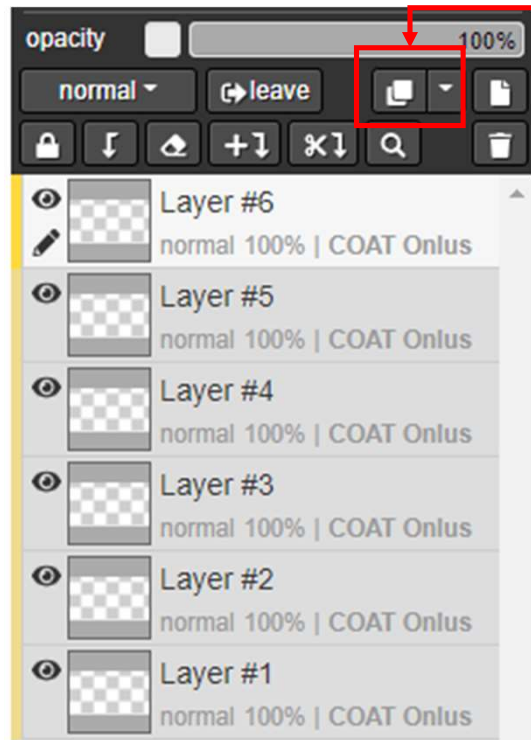
Aggie – Layer Control



Leave the layer (cooperative)



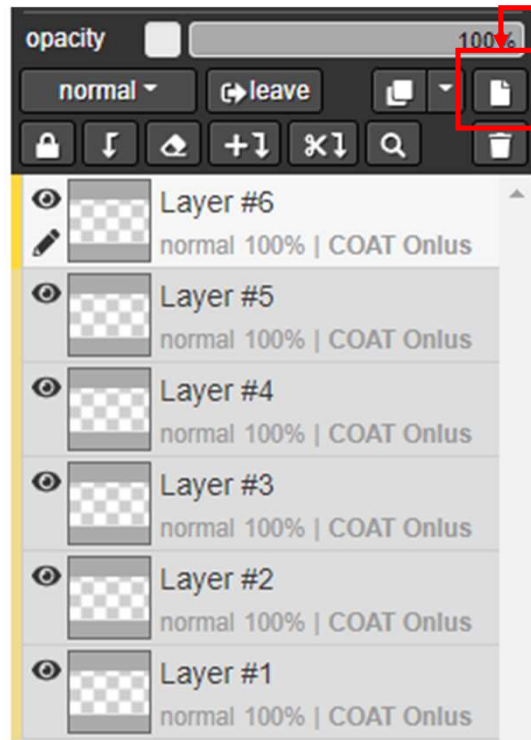
Aggie – Layer Control



Duplicate layer (copy)



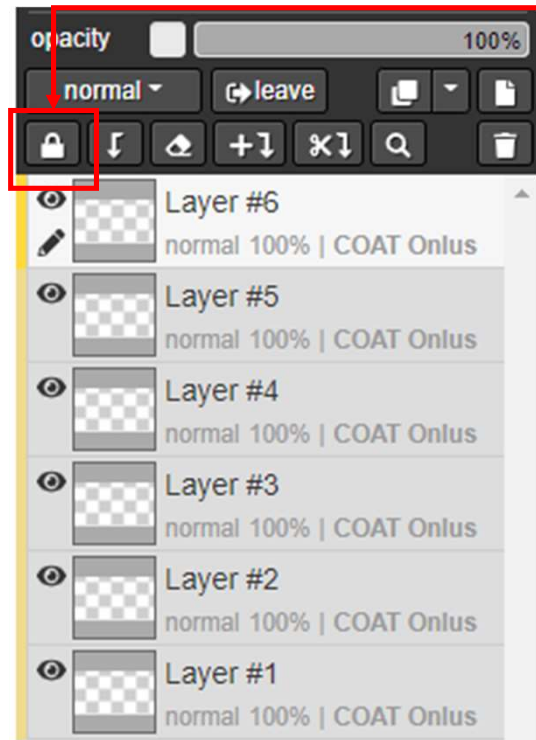
Aggie – Layer Control



New layer (just...new layer)



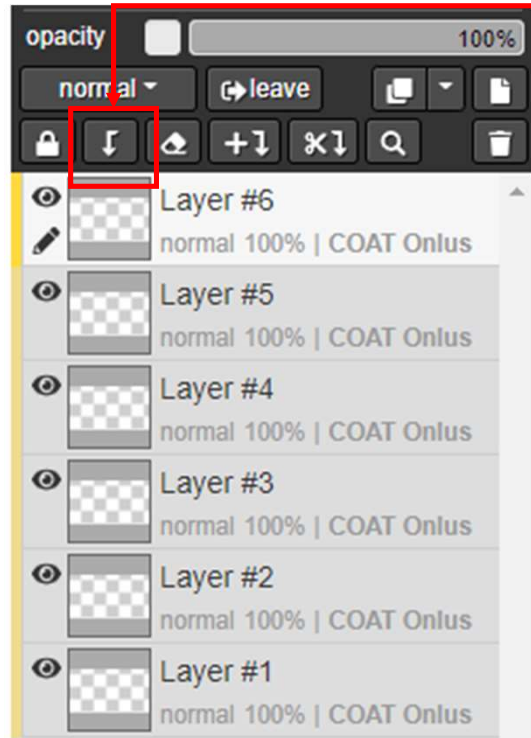
Aggie – Layer Control



Lock layer (prevent changes)

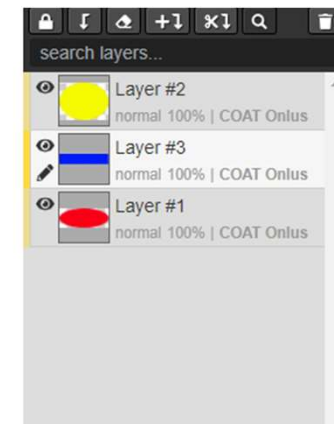
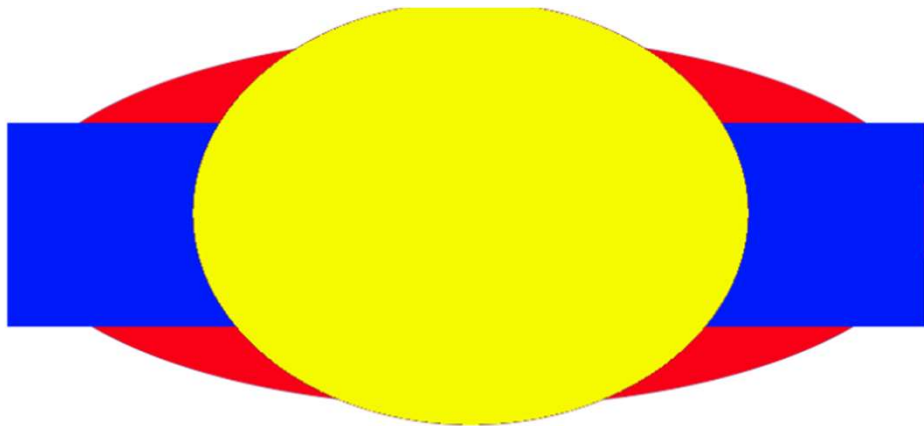


Aggie – Layer Control



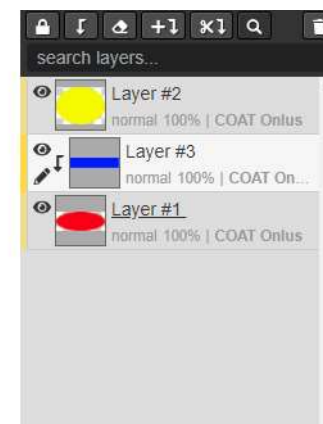
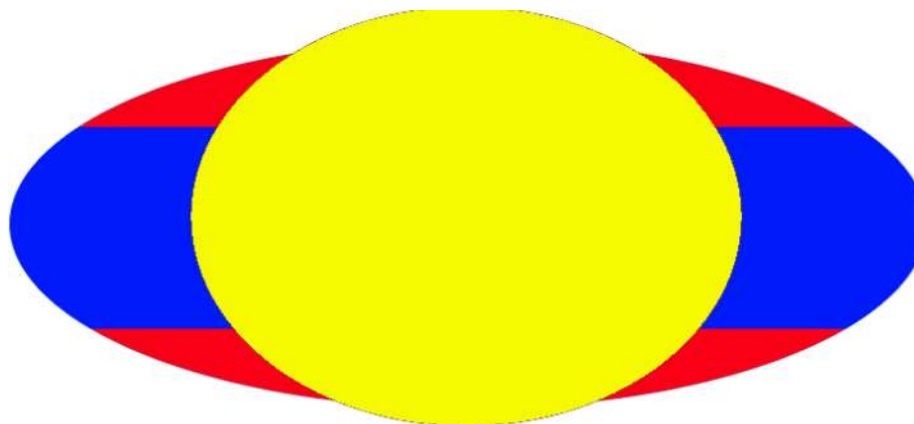
Toggle clipping group

Aggie – Layer Control

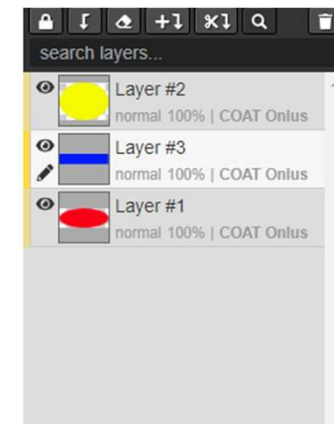
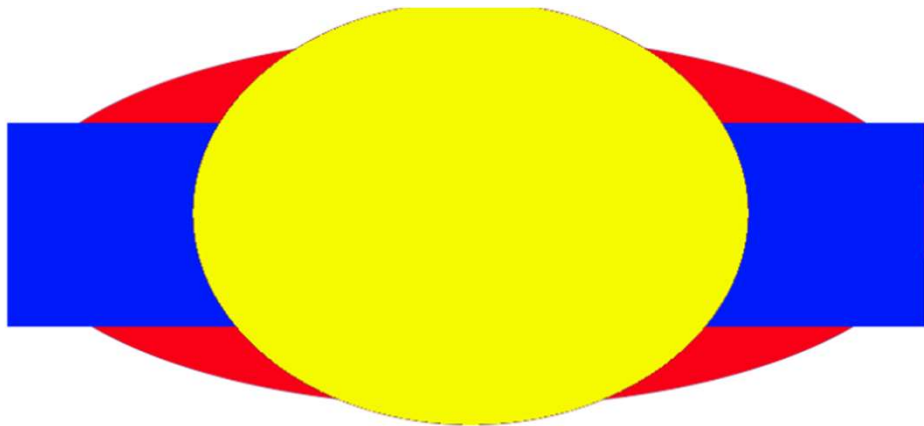




Aggie – Layer Control



Aggie – Layer Control



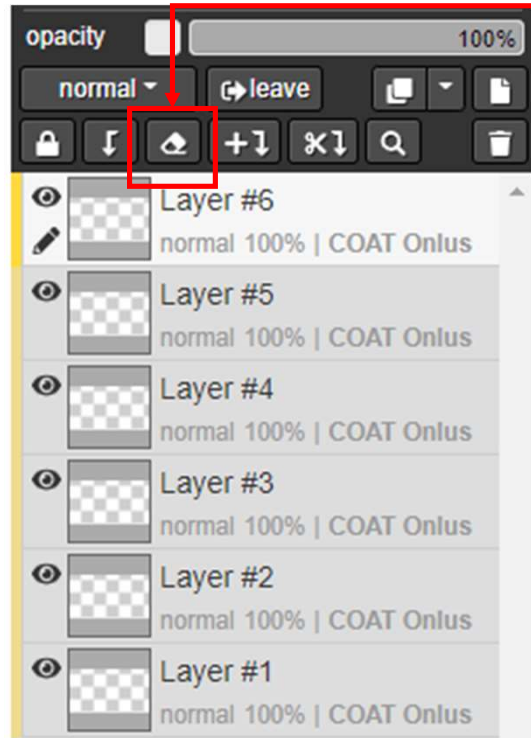


Aggie – Layer Control





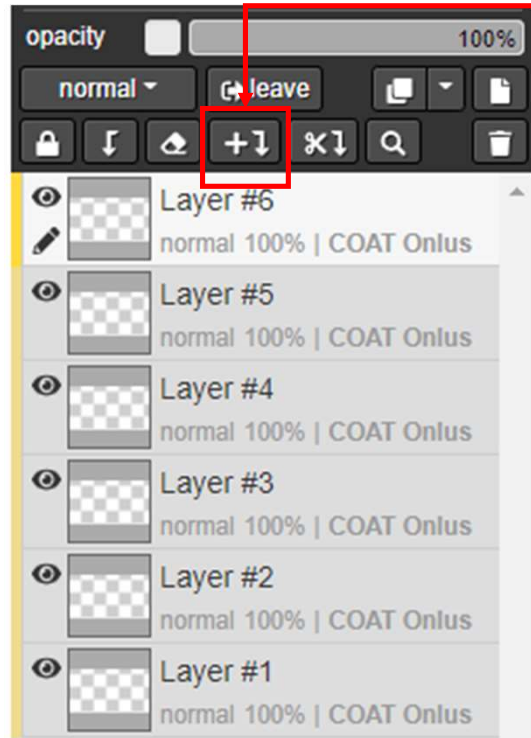
Aggie – Layer Control



Clear layer (erase all)



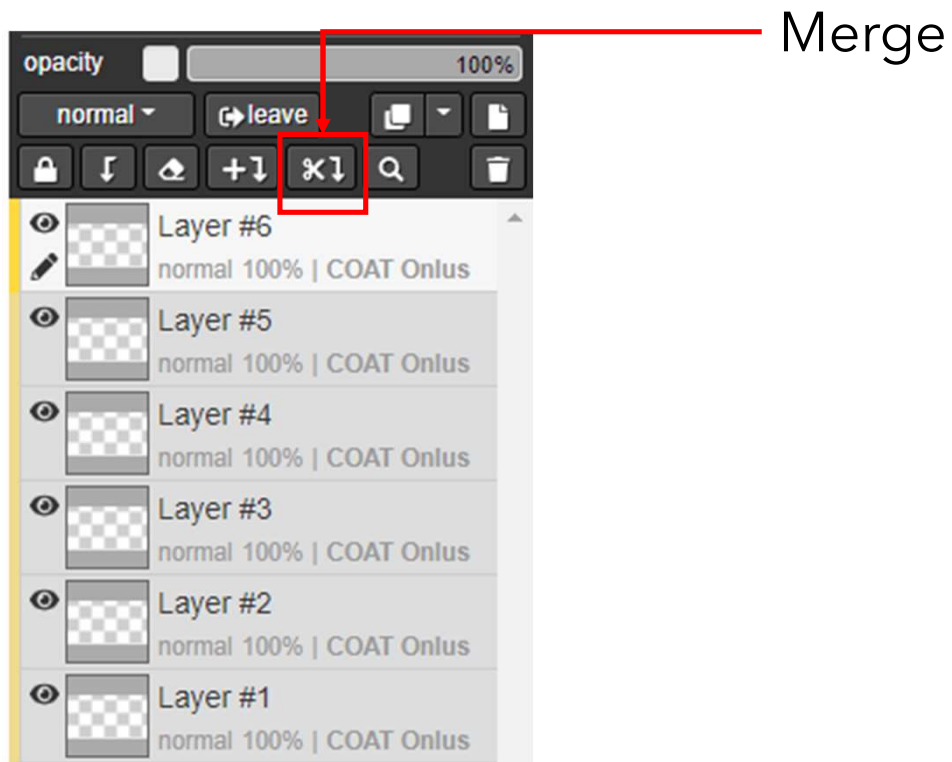
Aggie – Layer Control



Transfer down

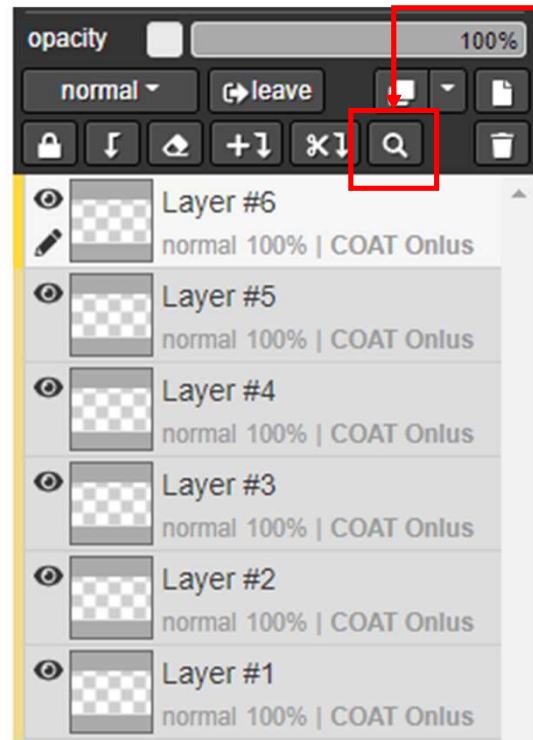


Aggie – Layer Control





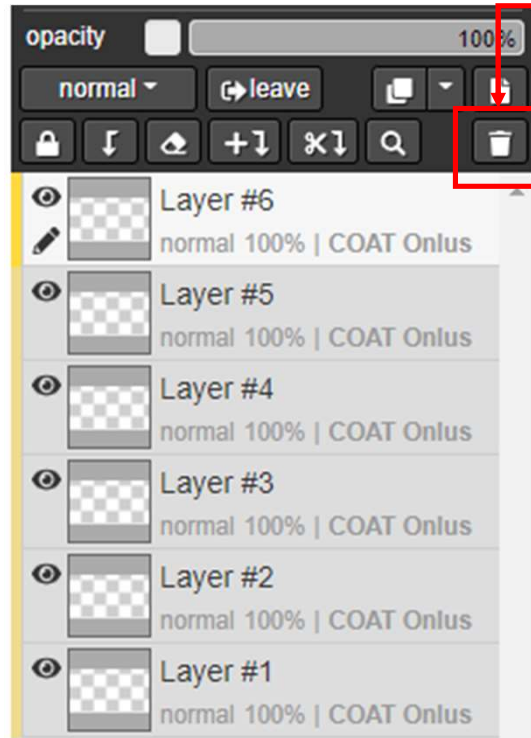
Aggie – Layer Control



Search layer



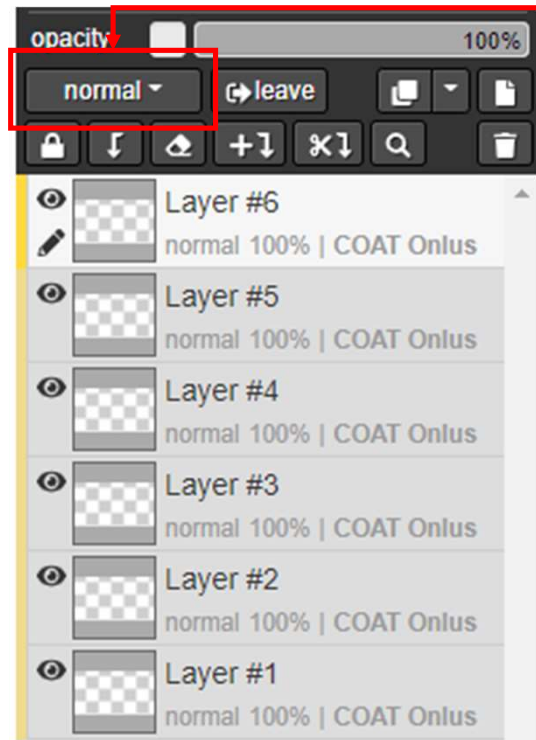
Aggie – Layer Control



Delete layer (see ya!)



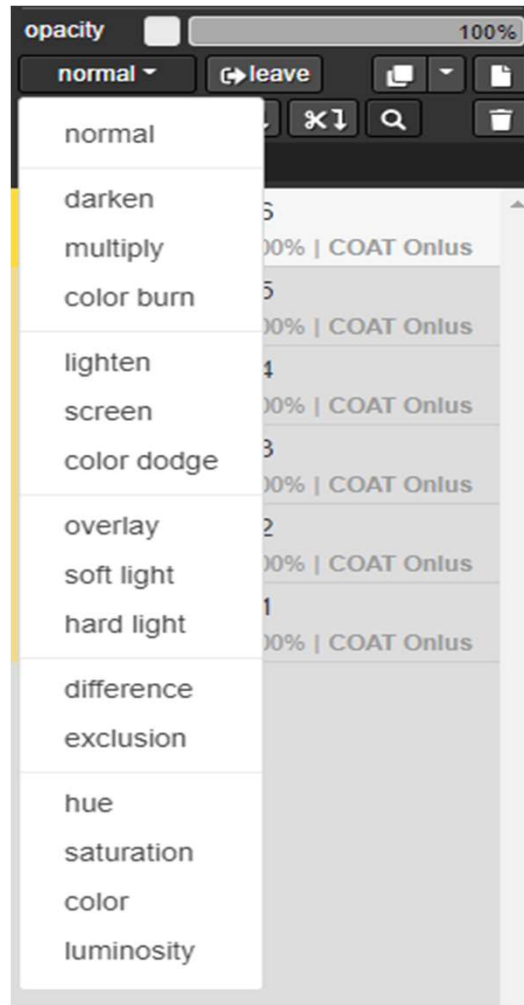
Aggie.io – Layer Control



Blend mode (advanced users)



Aggie.io – Layer Control



Blending mode determines how the layers interact and blend with each other.

Normal Blending Mode is standard mode: normal layers cover those below



Practice!

Let's share the work together:

- Pair up!
- Go to: CL1P.NET/ABEYGA_AGGIE
- You have to:



Practice!

Let's share the work together:

- Pair up!
- Go to: CL1P.NET/ABEYGA_AGGIE
- You have to:
 - Create a new layer if you have not one



Practice!

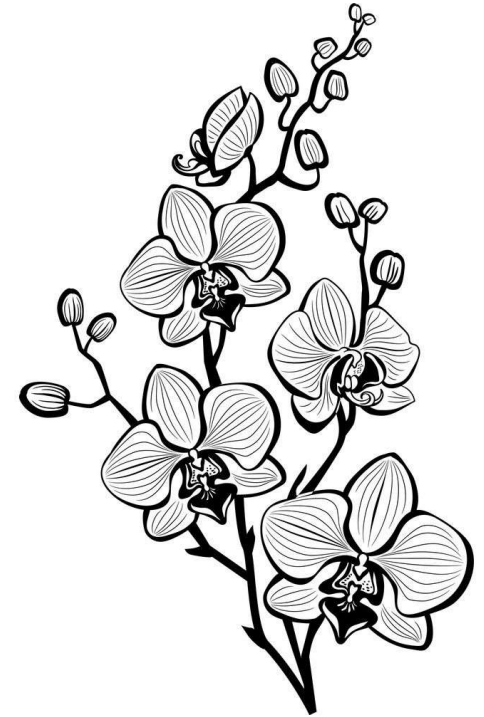
Let's share the work together:

- Pair up!
- Go to: CL1P.NET/ABEYGA_AGGIE
- You have to:
 - Create a new layer if you have not one
 - Rename it with your name

Practice!

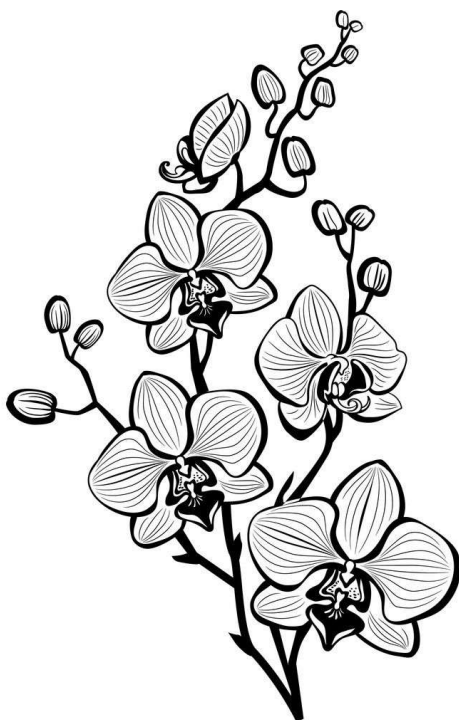
Let's share the work together:

- Pair up!
- Go to: CL1P.NET/ABEYGA_AGGIE
- You have to:
 - Create a new layer
 - Rename it
 - Collaborate with your partner to make this draw





Good luck and Have fun!





Thank you
very much for
your attention

Elia Schoen

28/09/2021

2D Cooperative Drawing

73