- **How to Create Pixel Art Using GIMP**

    - **GIMP Setup for Pixel Art**
        - **New image ===>> Choose dimensions (32x32, 64x64)**
        - **Select all ===> Image ===> Guides ===> New guides from selection**
        - **Create a new layer**
        - **Pencil tool ===> set size to exactly 1px**
        - **Image ===> Configure grid ===> set to 1px**
        - **View ===> Show grid**
        - **View ===> Zoom in 1600%**

    - **Zooming & Scaling**

        - When you think your outline is done, be sure to zoom out and make sure it looks good at a much smaller size before you move on, or you will regret not taking the time later.

        - If everything looks good zoomed out, go ahead and create a new layer.

        - If you want to resize your pixel art, open it in GIMP and go to **Image ===> Scale image ===> Interpolation ===> None**. Now all you have to do is choose a multiple of 16, change the dimensions to the number you chose and scale it.

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- ○ **Outlining & Layers**

  - ■ In the first new layer you create, you will use the pencil tool to create a black outline of your object or character. You can name this layer "outline" to keep things organized.

  - ■ Once your outline is complete, create a new layer to start filling it in with colors

  - ■ Trace just inside your outline with a darker shade of the same color you plan to use to fill each part of your outlined shape

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