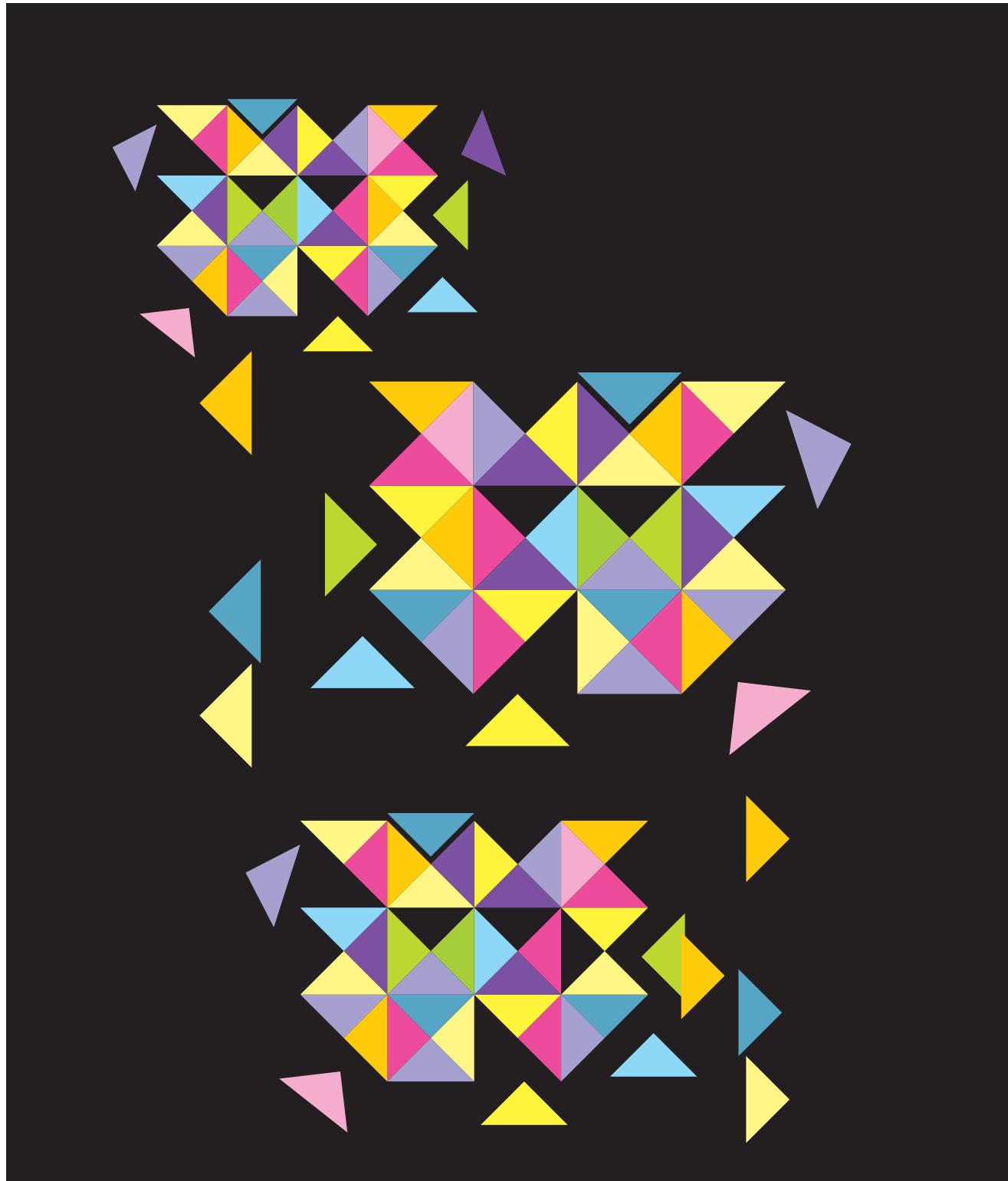


# Make Tesselated Triangles Using Live Paint



## Step 1

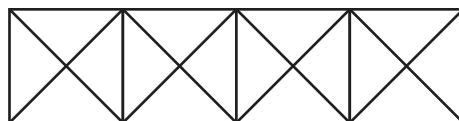
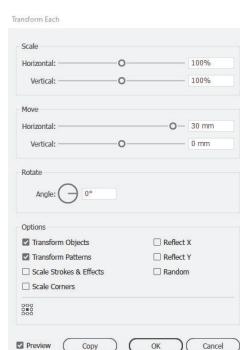
Create a square with the Rectangle Tool (M). Hold down the Shift key to keep it perfectly square as you draw it out. Mine is 15mm. Make it an easy number ... we'll be using the dimensions to calculate offsets further on.



## Step 2

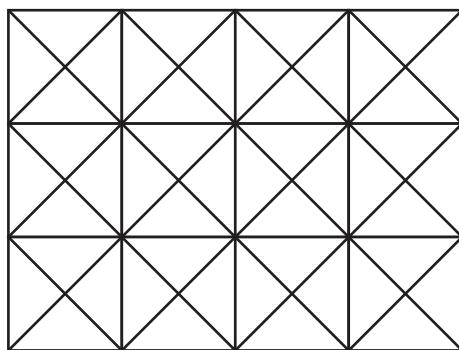
Draw a diagonal line corner to corner both ways, group them (Ctrl+G):

Select All (Ctrl+A) and go to Object>Transform>Transform Each and enter the width of your square as the Move Horizontal offset, select Copy, then Ctrl+D to make as many duplicates as you want.



## Step 3

Select the entire row of squares and go back to the Transform Each options. This time enter 30mm in the Move Vertical offset field and make sure the Horizontal offset is zero. Select Copy and create as many duplicate rows as you want.



## Step 4

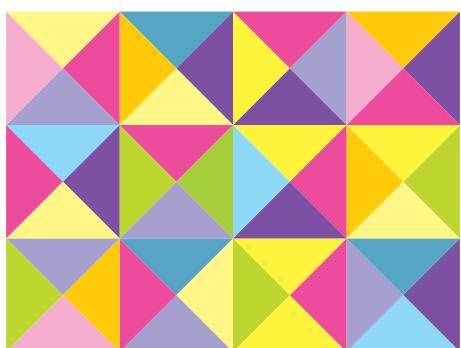
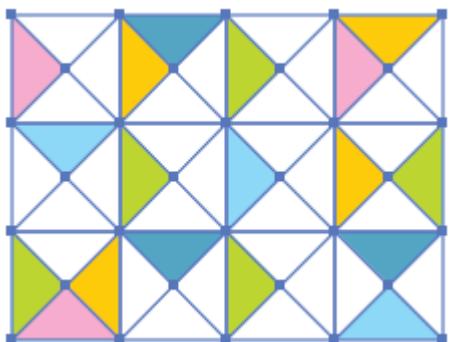
Select All (Ctrl+A) and delete the Stroke (Properties> Stroke then select the white box with the red diagonal line ).

## Step 5

Select All and go to Object>Live Paint>Make (Alt+Ctrl+X).

## Step 6

Select the Live Paint Bucket Tool (K), grab your colour swatches and paint the triangles as you want.



## Step 7

Go to Object>Expand then Object Ungroup (Shift+Ctrl+G) if you want to separate the individual triangles.

