

# 3D Layered Mandala SVG in VectorQ on iPad

Questions? Email me! [heather@heathercash.com](mailto:heather@heathercash.com)

Video: <https://youtu.be/miEwgggnfUI>

VectorQ: Free to use, must purchase for \$5.99 to export [[VectorQ in App Store](#)]

## Setup

1. Open App
2. Go to Projects Gallery
3. Click "New"
4. Choose "Square"

## Menus

- Left
  - Edit - Combine objects, align, arrange
  - Tool - Options specific to chosen tool
  - Layers
  - Appearance - Set colors, fill, stroke
- Right - Tools

## Process


We start with top layer, and work our way back

We duplicate the most recent layer, and add to it


### STEP 1: DRAW

1. Use Brush tool
2. Select Pencil  
*Change size & smoothness if desired*
3. APPEARANCE → Color to change brush color
4. Draw!

### STEP 2: CONVERT TO SHAPES

1. Select everything
2. 3 Lines → Edit Path → Outline Stroke
3. Go up to EDIT (upper right)
4. Object →  (Combine)

### STEP 3: DUPLICATE LAYER

1. Select layer
2. Duplicate 
3. Lock layer above
4. Grab Select Tool & select everything
5. Change to new color


### BACK TO STEP 1: DRAW!

## Quick Tips


- **Undo:** Can't 2-finger tap to undo - Use button
- **Setting Color :** If color isn't changing, try switching from fill to stroke or vice versa.
- **Node Selection Tool:** Use to edit your lines after drawing
- **Create a Silhouette:** Use "Break Apart" \* *See below for detailed instructions*
- **Duplicate Single Element:** 3-Line Menu → Duplicate
- **Delete Tiny Holes / Cuts:** Use Node Select Tool
- **Add Outline:** Use stroke, but then you must duplicate the fill as well  
\* *See below for detailed instructions*

## Special Techniques

### Create a Silhouette

1. Select everything
2. 3 Lines → Edit Paths → Break Apart
3. Object →  (Combine Shapes )

### Add an Outline

1. Duplicate layer
2. On new layer, set stroke (color & width)
3. Select everything (previous layer + new layer)
4. 3 Lines → Edit Paths → Outline Stroke
5. Object →  (Combine Shapes)
6. Note: You will be left with a blank layer after combining. You can delete it.