

# How to Convert Matterport Schematic Floor Plans (SVG) to DXF for Use in AutoCAD

Matterport's **Schematic Floor Plans** are delivered as **SVG files** (Scalable Vector Graphics). While SVG is an excellent vector format for web and design applications, many architectural and engineering professionals need their plans in **DXF** (Drawing Exchange Format) to open and edit them in software such as **AutoCAD**, **BricsCAD**, **SketchUp**, or other 2D CAD applications.

The good news is that converting SVG to DXF is straightforward. This guide sets out the steps using **online conversion tools** like [CloudConvert](https://cloudconvert.com/) and a few desktop alternatives, along with tips to ensure your reference measurements remain accurate.

## Step 1: Download Your SVG from Matterport

Once Matterport has generated your Schematic Floor Plan, you'll receive the file bundle as a Zip file by email. Inside, you'll find:

- **.svg files** (one for each floor or level)
- **.pdf files** (print-ready versions)
- **.png files** (image exports)

Make sure you've saved the relevant **.svg file** to your computer.

## Step 2: Choose a Conversion Method

### Option A: Online Conversion with CloudConvert

Go to CloudConvert's SVG to DXF tool

Click **Select File** and upload your Matterport SVG.

Choose **DXF** as the output format.

Click **Convert** and wait for the process to complete.

Download your converted **.dxf file**.

CloudConvert is browser-based, so no installation is needed. The free plan allows a limited number of conversions per day, while paid plans remove limits.

### Option B: Free Desktop Conversion Tools

If you prefer working offline or need to process multiple files:

- **Inkscape** (<https://inkscape.org/>) free, open source:
  1. Open your SVG in Inkscape.
  2. Go to **File > Save As**.
  3. Choose **Desktop Cutting Plotter (AutoCAD DXF R14) (.dxf)** as the file type.

4. Adjust units and scaling in the export options.
  - **LibreCAD** (another free CAD programme) can also open SVG and export to DXF.

Desktop tools are particularly useful if you are concerned about uploading client data to cloud platforms.

### Step 3: Verify Reference Measurements

After conversion, it's essential to check that the scale has been preserved:

Open the DXF in **AutoCAD** (or your preferred CAD software).

Use the **Measure** tool to check a known distance (for example, the width of a doorway marked on the plan).

Compare this against the reference dimensions provided on the Matterport floor plan PDF.

If scaling is off, use AutoCAD's **Scale** command to resize proportionally until the drawing matches the reference measurement.

### Step 4: Organise Your File for CAD Work

Once confirmed:

Save a clean copy of the scaled DXF.

Create layers for walls, doors, windows, text, etc., if you plan to edit further.

Consider attaching the DXF as an **underlay** in your CAD workflow for tracing or further development.

### Tips and Best Practice

Always keep an original copy of the SVG in case you need to re-export.

For large projects, Inkscape provides more control than most online tools.

If you need repeated conversions, creating a simple workflow in Inkscape or a CAD script can save significant time.

### Final Thoughts

Converting Matterport Schematic Floor Plans from **SVG to DXF** is a quick way to bring your 3D capture outputs into the world of **AutoCAD and 2D design software**. Whether you use CloudConvert for convenience or Inkscape for precision, the key step is always to **verify scaling against Matterport's reference measurements**. This ensures your plans remain accurate and reliable for architectural, engineering, or design use.