



DIY Virtual & Augmented Reality Resources

3D and VR for Free!

3D software

- Sketchup <http://www.sketchup.com/>
- Blender <https://www.blender.org/>
- K3D http://www.k-3d.org/wiki/Main_Page
- Art of illusion <http://www.artofillusion.org/>
- Seamless 3D <http://www.seamless3d.com/>
- BRL-CAD (opensource CAD) <http://sourceforge.net/projects/brlcad/>
- AR-CAD (free autocad) <http://www.ar-cad.com/freecad/index.html>
- K3DSurf (Math, Data Visualization) <http://k3dsurf.sourceforge.net/>
- Draw Plus <http://www.serif.com/free-graphic-design-software/?MC=FSSDRAWPLUS>
- Amabilis (free and pro) <http://amabilis.com/>
- Minos <http://www.le-boite.com/minos.htm>
- Design work (architecture) http://www.artifice.com/free/dw_lite.html
- GDesign <http://www.digitalpoiesis.org/>
- Autodesk tools <http://usa.autodesk.com/autodesk-123d/>
- TinkerCAD <https://www.tinkercad.com/>
- Clara.io <https://clara.io/>

Google cardboard development kit

- <https://developers.google.com/cardboard/overview>
- My Google cardboard resources (apps & more)
<https://docs.google.com/document/d/1ahr8gXuQBISa450d8k36wGwKtfgZ8f-4u53FOI7XdDI/edit>

Stereoscopic image creator (Photoshop and other image editing software can also be used)

- 3D this <https://3dthis.com/stereo.htm>
- Convert image
<http://www.convertimage.net/online-photo-effects/create-anaglyph-stereoscopic-3d-images-online.asp>

3D libraries for printers

- Thingiverse <https://www.thingiverse.com/>
- 3D Content <http://www.3dcontentcentral.com/>
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More libraries

- GrabCAD <https://grabcad.com/library>
- Free architectural CAD drawings http://www.arcat.com/details/cad_details.shtml
- Solidworks <http://www.3dcontentcentral.com/Features.aspx>
- Solid components <http://www.solidcomponents.com/>
- 3D simulations for education <https://phet.colorado.edu/en/simulations/category/new>

Gaming, Avatars, etc.

- Gamemaker <http://www.gamemaker3d.com>
- Unity <https://unity3d.com/unity>
- Play (limited free) <https://playcanvas.com/>
- Daz <https://www.daz3d.com/>
- Make Human <http://www.makehuman.org/>
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