



Minecraft Diamond Sword



WF3D

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Summary

This is a Minecraft Diamond Sword based on 20x20 mm 3D printed pixels

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Tags: [cosplay](#) [minecraft](#) [pixel](#) [pixelart](#) [prop](#)

You have to print every pixel in the "desired" color. For easier printing they are named accordingly to a color. In addition you can see the "type" of block in the name as well as the number of blocks you have to print from this type and in this color.

E.g.: "Light grey x4_38"

This transfers to:

- Color: Light grey
- Type: 4x connections
- Number: Print 38 pieces of this connector in the color light grey.

Use the image as a reference for building your pixelart. It took me around 0,5h to assemble and only ~ 40 hours to print. I recommend laying out all Pixels first and assembling it after you arranged all pixels. :)

I recommend printing a bunch more snap fits. Because you will have to break them if you made an error during assembly. ;)

I also made one which you can see here:

Model files



baby-blue-x4_16.3mf



teal-x4_17.3mf



black-x2_2.3mf



brown-x2_2.3mf



dark-green-x2_30.3mf



dark-green-x3_12.3mf



light-brown-x_3.3mf



dark-green-x4_2.3mf



snap-fit_128.3mf

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