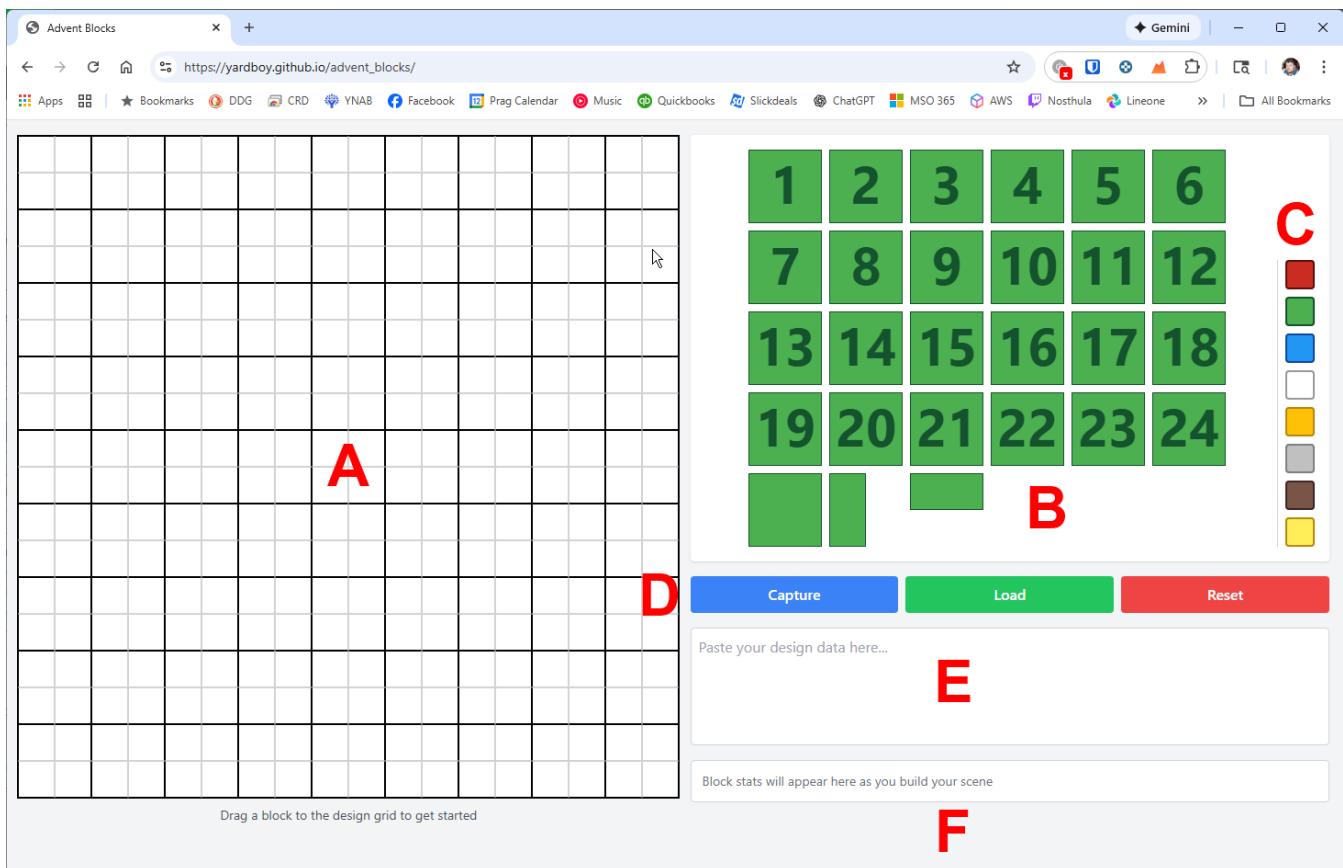


Companion Web App

These instructions are for the web app located at https://yardboy.github.io/advent_blocks/. This app is a companion to the Design Your Own Advent Calendar 3D printing project found at <http://www.makerworld.com/>... and will assist you in designing your own Advent Calendar creation. The app will display what models from the project you need and how many of each should be printed to create your custom design.

Here's what it looks like:



A – Scene Design Grid

B – Supply Area

C – Quick-Color-Change Shortcuts

D – Control Buttons

E – Scene Load Input

F – Block Stats

Drag blocks from the Supply Area (B) and drop them onto the Scene Design Grid (A) to build your creation. Drag a block off the grid to remove it. Double-click a block to change its color.

Each numbered block can be used only once in the design, but blank blocks can be used as many times as you like.

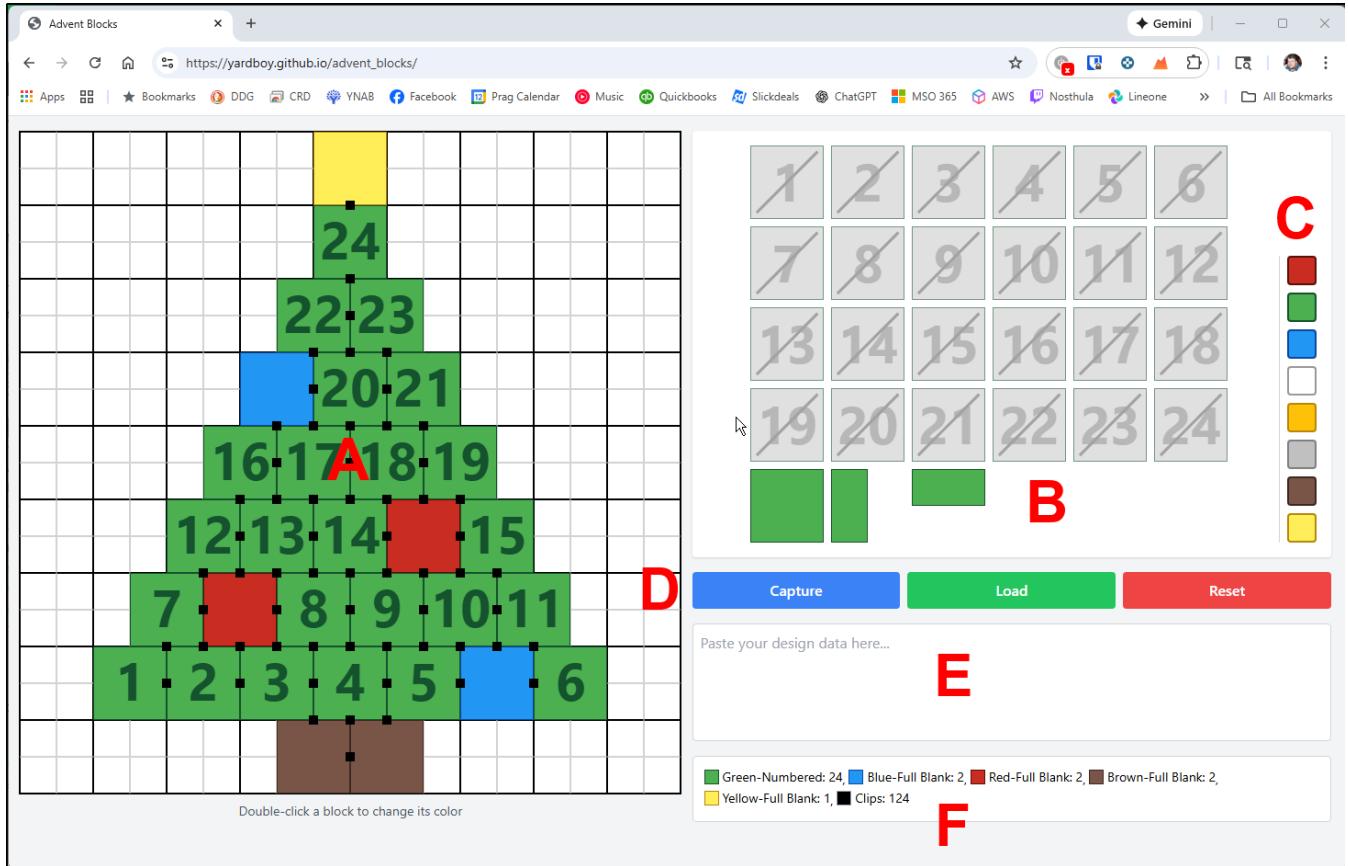
The Quick-Color-Change Shortcuts (C) will change the color of all the blocks remaining in the Supply Area at once.

The Block Stats area (F) will display counts of the blocks you have used by type and color, along with the number of clips you will need (not counting two clips for each base/hanger – add these to the total).

The Control Buttons (D) allow you to export your scene as JSON data, import a previously captured scene, or reset the scene completely.

The Scene Load Input (E) is where you paste in previously captured scene data to load it.

Here's what the app looks like with a completed design. Note that the block stats area shows you how many of each type of block you need to print, along with how many clips you need to connect everything together.



Please report any bugs you discover to me via *MakerWorld* messaging.

Sample Scene Load Data for the Pictured Calendars

The following pages have the scene load data for the three profiles included in the project. Copy the data and paste it into the Scene Load Input (E) then click the **Load** button.

5x5 Checkerboard

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Christmas Tree

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Snowflake

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