



# Create Your Own Cornhole Game Board

*Make your own cornhole game board out of PVC products and you won't have to worry about leaving it outside.*

## 1 Materials you'll need:

- 1 x 4 x 8' PVC trim (3 pieces) / actual thickness:  $\frac{3}{4}$ " actual width: 3-1/2"
- $\frac{1}{2}$ " x 24" x 8' PVC sheet
- 1 x 4 cedar lumber (4 feet total)
- (48 screws) Grip Rite 1-5/8" stainless steel trim screws or equivalent
- (4) hex bolts –  $\frac{1}{4}$  x 2"
- (12) washers –  $\frac{1}{4}$ "
- (4) lock washers –  $\frac{1}{4}$ "
- (4) wing nuts –  $\frac{1}{4}$ "
- Miter saw
- Jigsaw
- Power drill
- Tape measurer
- Pencil
- (2) corner clamps
- Dremel
- Rafter square
- Protractor
- Clamp
- A piece of scrap wood 5" long x 4" wide
- 1 nail

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## 2 Getting Started:

First cut the pieces for the frame for the boards and the surface of the cornhole.

- (4) 1 x 4 PVC (lengths of 48")
- (4) 1 x 4 PVC (lengths of 22-1/2")
- (2)  $\frac{1}{2}$ " x 24" PVC (lengths of 48")
- (4) 1 x 4 cedar (lengths of 12")

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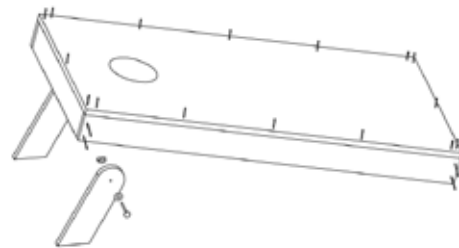


### 3 Assemble the base:

- Next, assemble one piece of the 48" and one piece of the 22-1/2" PVC trim with two of the stainless screws (the smaller piece will need to butt up to the 48" piece).

- Once you've assembled those pieces, fasten the rest of the trim pieces together to form a rectangle.

- Now, fasten the half sheet onto the base. You can also see in the detail drawing below where you put the screws.



- After fastening the sheet, cut and attach the legs to the board. The legs should be cut into lengths of 11-1/2", then use the protractor to mark the ends so that it's round. Then use a jigsaw to make the cuts around one side of the leg.



- Thread a 1/4" x 2" hex bolt into the legs and the base. A 1/4" hole will need to be drilled at an intersection of 3" from the top and 1-3/4" from the side.

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#### 4 Create the top piece

- Now, cut a 6" diameter circle on top of the platform for the bean bags. The center of the hole is centered at 9" down from the top and centered at 12". You may want to use a dremel and a scrap piece of wood. Drill a hole on one side of the scrap wood then measure 3" across and make a mark. The adaptor piece of the dremel is 3" in diameter; you will need to cut a hole that will fit the adaptor piece.



- Next drill a hole in the center point of the cornhole (will be used as a point to circle the dremel around like a radius). Use a nail to stick through the dremel guide and into the platform.

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## 5 *Finishing up:*

- We're getting closer. Cut the angle on the bottom of the legs. The regulation cornhole height is 12" so you'll need to prop up the box by placing anything that will hold it up under the box (you can use a paint can and a spare piece of trim).
- Next slide the box towards the edge of the table and pull down on the leg closest to the edge so it hangs just over the table. Use the table top as a guide to draw a straight line across the bottom of the leg. Repeat this step for all of the legs. Then remove the legs from the base and use the jigsaw to cut accordingly.

## 6 *Success!*

- The final step is to reattach the legs and enjoy!

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