

1. Colors used and quantities

All yarns are Lion Brand Vanna's Choice, and though I didn't keep exceptionally detailed records of how much of each color I used, I definitely did not go over the amounts shown here and even made a couple squares that were scrapped. So totals for yarn are all high estimates.

- A Terracotta, 2 balls (340 yards)
- B Brick, 2 balls (340 yards)
- C Burgundy, 2 balls (340 yards)
- D Sage, 2 balls (340 yards)
- E Peacock, 2 balls (340 yards)
- F Midnight blue, 2 balls (340 yards)
- G Grey marble, 2 balls (290 yards)
- H Oatmeal, 2 balls (290 yards)
- J Obsidian, 1 ball (145 yards)
- K Dark grey heather, 5.25 balls (760 yards)

2. Color formula

The color formula I used can easily be adapted to your preferred colors for a similar result in your own chosen palette. To use it pick the following colors:

- Colors A, B, and C are almost a gradient from orange to red to burgundy. The orange is bright, the red is medium darkness, and the burgundy is dark. Choose 3 warm analogous colors, one a bright, one a medium, and one dark.
- Color D, E, and F are similar to the first 3 colors as they give a gradient effect. Choose 3 cool analogous colors, one a bright/light, one a medium, and one dark.
- Colors G and H are both neutrals and both light. I chose a tan and a grey. Choose 2 light neutrals that are just different enough from each other that you can tell them apart when they are next to each other, but not high contrast.
- Color J, choose a very dark neutral, such as dark brown or grey or even black.
- Color K, either use the same color as color J or something almost as dark as it. Or, change up the entire mood of the afghan and use a lighter or medium neutral of your choice. You can feel free get creative here as this color is only used for the join and the border.

3. Color placement

Main 10 squares (note: Saffron is the bonus square that can be subbed for any of the other 9 if you prefer it).

Square:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Hoban	Н	F	Ε	D	J	A/B	С	С	D	G	F	Ε	J			
Inara	G	G	С	В	Α	Α	F	D	Е	D	Н	J				
Jayne	С	В	Α	G	G	G	F	D	F	Н	F	Е	F	J		
Kaylee	G	G	J	Н	J	Α	Α	В	В	С	С	Ε	Е	F	С	D
Malcolm	Н	D	Ε	F	Α	В	С	G	Н	J	Α	В	С	D	Ε	F
River	J	G	Α	G	В	С	С	Н	Н	D	Е	F	G	G	Н	С
Saffron	Е	Ε	F	С	В	Α	Н	Ε	F	D	С	Α	В	G	J	
Shepherd	F	F	D	Ε	Α	J	G	В	J	Н	С	D	Ε	F		
Simon	Е	D	F	Н	В	В	Α	С	Н	G	G	J	D	Е	F	
Zoe	D	G	Е	J	D	G	F	Α	В	С	F	Е	D	Н	Н	С

Cap'n Tightpants squares (make 12 each in the following color sequences):

	1	2	3	4	5	6
C1	Α	D	Е	F	В	С
C2	Α	D	F	Ε	C	В
C3	В	E	D	F	Α	С
C4	В	E	F	D	С	Α
C5	С	F	Ε	D	В	Α
C6	С	F	D	Ε	Α	В
C7	D	Α	В	С	Е	F
C8	D	Α	С	В	F	Ε
C 9	Ε	В	Α	С	D	F
C10	Е	В	С	Α	F	D
C11	F	С	В	Α	Ε	D
C12	F	С	Α	В	D	Е

4. Square layout

You can, of course, choose any layout you wish and I'd recommend you play around with different square placement until you are content that the colors and textures are well balanced, but if you want to skip that and use my layout you can follow this diagram:

Zo	oe	Jay	rne	Shepherd			
C 7	C 5	C12	C6	C10	C1		
Sim	non	Kay	rlee	Hoban			
C3	C11	C2	C8	C4	C9		
lna	ara	Malo	colm	River			