

Granny Square Color Combination Charts

<http://www.craftpassion.com/?p=28920>

Unique Color Combination x Color Permutation = Total Number Of Granny Squares									
Number of color per granny	Number of yarn color								
	2	3	4	5	6	7	8	9	10
2	1 x 2 = 2	3 x 2 = 6	6 x 2 = 12	10 x 2 = 20	15 x 2 = 30	21 x 2 = 42	28 x 2 = 56	36 x 2 = 72	45 x 2 = 90
3	-	1 x 6 = 6	4 x 6 = 24	10 x 6 = 60	20 x 6 = 120	35 x 6 = 210	56 x 6 = 336	84 x 6 = 504	120 x 6 = 720
4	-	-	1 x 24 = 24	5 x 24 = 120	15 x 24 = 360	35 x 24 = 840	70 x 24 = 1680	126 x 24 = 3024	210 x 24 = 5040

2-color combination 8 colors									
8	7	6	5	4	3	2	1		
									12
<u>28 non-repeat color combination</u>								23	13
Craft Passion						34	24	14	
craftpassion.com						45	35	25	15
				56	46	36	26	16	
			67	57	47	37	27	17	
78	68	58	48	38	28	18			

3-color combination 8 colors									
8	7	6	5	4	3	2	1		
									123
<u>56 non-repeat color combination</u>								124	
Craft Passion								125	
craftpassion.com								126	
								127	
								128	
							234	134	
							235	135	
							236	136	
							237	137	
							238	138	
						345	245	145	
						346	246	146	
						347	247	147	
						348	248	148	
						456	356	256	156
						457	357	257	157
						458	358	258	158
						567	467	367	267
						568	468	368	268
						678	578	478	378
						278	178		


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3-color combination 7 colors							
8	7	6	5	4	3	2	1
							1 2 3
35 non-repeat color combination							1 2 4
Craft Passion 							1 2 5
craftpassion.com							1 2 6
							1 2 7
							1 2 8
						2 3 4	1 3 4
						2 3 5	1 3 5
						2 3 6	1 3 6
						2 3 7	1 3 7
						2 3 8	1 3 8
					3 4 5	2 4 5	1 4 5
					3 4 6	2 4 6	1 4 6
					3 4 7	2 4 7	1 4 7
					3 4 8	2 4 8	1 4 8
			4 5 6	3 5 6	2 5 6	1 5 6	
			4 5 7	3 5 7	2 5 7	1 5 7	
			4 5 8	3 5 8	2 5 8	1 5 8	
		5 6 7	4 6 7	3 6 7	2 6 7	1 6 7	
		5 6 8	4 6 8	3 6 8	2 6 8	1 6 8	
	6 7 8	5 7 8	4 7 8	3 7 8	2 7 8	1 7 8	

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4-color combination 8 colors						
8	7	6	5	4	3	2 1
						1 2 3 4
<u>70 non-repeat color combination</u>						
Craft Passion  craftpassion.com						
						1 2 3 5
						1 2 3 6
						1 2 3 7
						1 2 3 8
						1 2 4 5
						1 2 4 6
						1 2 4 7
						1 2 4 8
						1 2 5 6
						1 2 5 7
						1 2 5 8
						1 2 6 7
						1 2 6 8
						1 2 7 8
					2 3 4 5	1 3 4 5
					2 3 4 6	1 3 4 6
					2 3 4 7	1 3 4 7
					2 3 4 8	1 3 4 8
					2 3 5 6	1 3 5 6
					2 3 5 7	1 3 5 7
					2 3 5 8	1 3 5 8
					2 3 6 7	1 3 6 7
					2 3 6 8	1 3 6 8
					2 3 7 8	1 3 7 8
				3 4 5 6	2 4 5 6	1 4 5 6
				3 4 5 7	2 4 5 7	1 4 5 7
				3 4 5 8	2 4 5 8	1 4 5 8
				3 4 6 7	2 4 6 7	1 4 6 7
				3 4 6 8	2 4 6 8	1 4 6 8
				3 4 7 8	2 4 7 8	1 4 7 8
			4 5 6 7	3 5 6 7	2 5 6 7	1 5 6 7
			4 5 6 8	3 5 6 8	2 5 6 8	1 5 6 8
			4 5 7 8	3 5 7 8	2 5 7 8	1 5 7 8
		5 6 7 8	4 6 7 8	3 6 7 8	2 6 7 8	1 6 7 8

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2-color order	3-color order	4-color order
ab	abc	abcd
ba	acb	abdc
	bac	acbd
	bca	acdb
	cab	adbc
	cba	adcb
		bacd
		badc
		bcad
		bcda
		bdac
		bdca
		cabd
		cadb
		cbad
		cbda
		cdab
		cdba
		dabc
		dacd
		dbac
		dbca
		dcab
		dcba
2	6	24