

Colour By Number Pixel Puzzle Picture: Christmas Robot 2

Pictures can be stored in a computer as a grid of numbers. Each number gives the colour of that small area or **pixel**. This is also the way digital images are stored and represented on a screen.

Recreate the picture by colouring each **pixel** as given by its number. Look up the colour for each number in the key. For example, colour pixels marked 2 in black, and pixels marked 4 in red.

Why not create your own Christmas pixel puzzle picture?

8	8	8	8	8	8	4	4	4	4	4	4	8	8	8	1
8	1	8	8	8	4	4	4	4	4	4	4	4	8	8	8
8	8	8	8	4	4	4	4	4	4	4	4	8	1	8	8
8	8	8	8	1	1	1	1	1	1	1	1	8	8	8	8
8	8	8	8	3	5	5	3	3	5	5	3	8	8	8	8
8	8	8	1	3	5	5	3	3	5	5	3	8	8	8	8
8	8	8	8	3	3	3	3	3	3	3	3	8	8	8	8
8	1	8	8	3	3	2	2	2	2	3	3	8	8	1	8
8	8	8	3	3	3	3	3	3	3	3	3	3	8	8	8
8	8	3	3	3	5	5	5	5	8	8	3	3	3	8	8
8	3	3	3	3	5	6	5	5	5	5	3	3	3	3	1
3	3	3	3	3	5	5	5	9	5	5	3	3	3	3	3
3	3	1	3	3	5	5	9	9	9	5	3	3	8	3	3
3	8	8	3	3	7	5	5	5	5	5	3	3	1	8	5
1	1	1	3	3	3	3	3	3	3	3	3	3	1	1	1
1	1	1	3	3	3	3	3	3	3	3	3	3	1	1	1

KEY

1	White
2	Black
3	Grey
4	Red
5	Orange
6	Yellow
7	Green
8	Blue
9	Purple

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Computer Science activities with a sense of fun:
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Created by Elaine Huen

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