

## Color Mixing Guide

Each of the six Tiles contains a different combination of two of the three **primary colors** (red, blue, and yellow). To recreate patterns with the **secondary colors** (orange, green, and purple), layer the following:



**Orange:** Red + Yellow      **Green:** Blue + Yellow

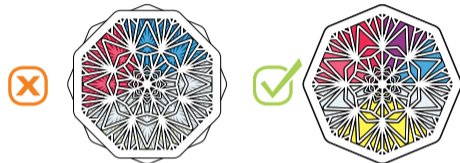


**Purple:** Red + Blue

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## Tips and Hints

1. When layering Tiles, all edges of the Tiles should line up.



2. When mixing colors, sometimes you'll only need to layer half of a section to make a secondary color.



To make this green section, the right half of a blue section was layered with the left half of a yellow section

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3. Pay particular attention to any clear spaces that are part of a pattern. This could help you decide between a Tile that has colors across from one another and a Tile with colors side by side.

## Solutions

Some challenges have multiple solutions, so don't worry if your solution is different from ours. If the colors you see match what is shown on a Challenge Card – **YOU WIN!**

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## ABOUT THE INVENTOR

Kaleidoscope Puzzle™ was invented at Medici Creativity, a technological product development firm based in Taiwan that has created and developed numerous toys and games. Alex Li, the CEO, is a firm believer in implementing concepts from basic consumer electronics into traditional games. He created Kaleidoscope Puzzle with the help of his student and fellow electrical engineer, Terry Yang. Alex drew on his knowledge of Liquid Crystal Material Optics and LCD Display Color Mixing, while Terry assisted in the development of the logic challenges.

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**KALEIDOSCOPE**  
PUZZLE  
COLOR MIXING LOGIC GAME

**INSTRUCTION MANUAL**

AGES 8 AND UP • SINGLE PLAYER

## INTRO:

Create vivid kaleidoscope patterns in this dazzling logic puzzle! Twist and stack Kaleidoscope Tiles to match the patterns shown in the challenges. Pay attention—you may need to combine colors to perfectly match the cards. You'll strengthen your visual perception and reasoning skills as you discover the correct arrangement of Tiles to solve each challenge. When you think you've discovered the correct pattern, hold your creation up to the light to check your answer and view your colorful creation!

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## INCLUDES:

- 6 Tiles
- 40 Challenge Cards with Solutions



### Your Goal:

Flip, rotate, and stack Tiles to match the pattern shown on each Challenge Card.

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## HOW TO PLAY:

1. Select a Challenge Card and note how many Tiles you will need to solve the puzzle.
  - Challenges **1-15** only require **2** Tiles
  - Challenges **16-40** all require **3** Tiles
2. Study the colors on the Challenge Card, and determine which Tiles you will need to recreate the pattern shown.
3. Flip, rotate, and stack the Tiles to match the exact color arrangement shown on the Challenge Card.

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- To check if you've created the correct pattern, hold the layered tiles up to the light to view!



4. When the colors on your layered Tiles match the pattern on the Challenge Card – **YOU WIN!**

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