Rubik's Cube

Rubik's Cube is a 3-D combination puzzle invented in 1974 by Hungarian sculptor and professor of architecture Ernö Rubik.

Mechanics

The current world record holder is Mats Valk from the Netherlands. Who completed the puzzle in 5.55 seconds.

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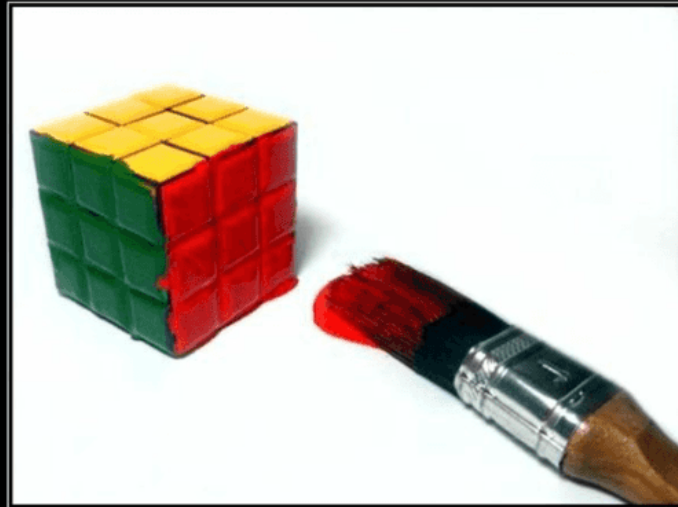
Mechanics

A standard Rubik's Cube measures 5.7 cm on each side. The puzzle consists of 26 unique miniature cubes, also called "cubies" or "cubelets".
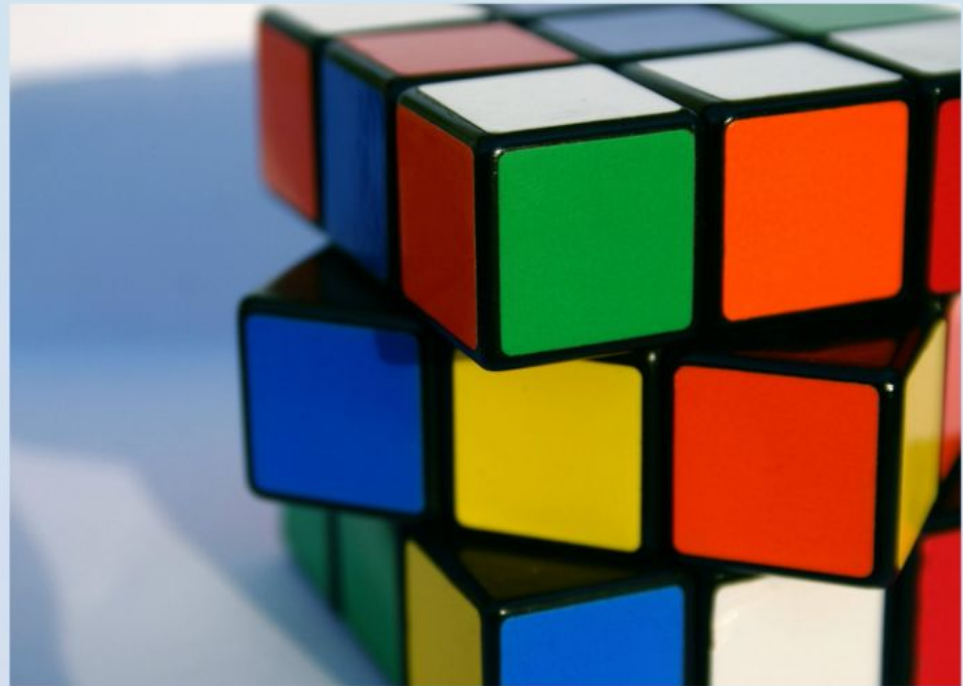
With six coloured sides, 21 pieces and 54 outer surfaces, there's a combined total of over 43 QUINTILLIOIN different possible configurations.

There are solutions:
even to the hardest problems

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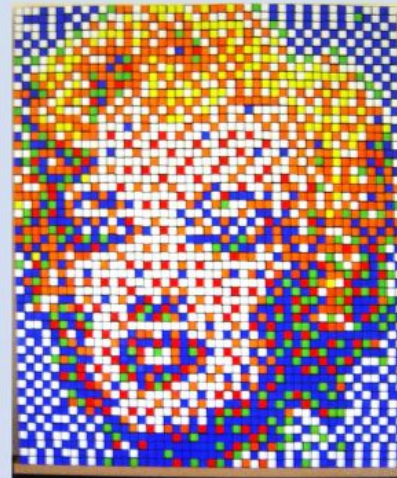
- The world's largest Rubik's Cube is located in Knoxville, Tennessee. It is **3 meteres** tall and weighs over **500kg**.

- The smallest cube is **10mm** wide and was made by Russian Evgeniy Grigoriev.
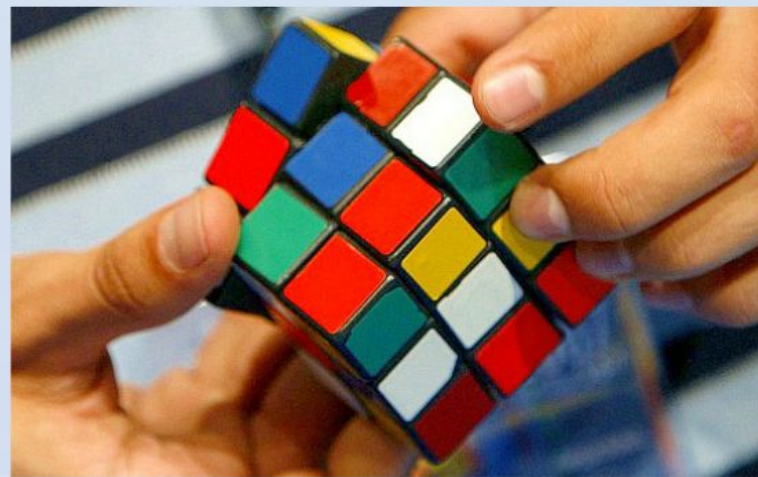
The toy has inspired political speeches, fashion architecture, plays, and even an art movement known as **"Rubikubism"**

After 30 years of people thinking about it, a famous open problem about the Rubik's Cube has finally been resolved : God's number is 20.
In other words, every Rubik's Cube, no matter how it mixed up, can be solved in 20 moves or less.

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