

Background and Objectives

This one is a bit more tricky and should keep you busy longer. It can be seen as a [Code Kata](#), a thought up exercise designed for programmers to train their skills with little practical application.

Specs

We want you to write a method `colorful?` which takes a number as argument and return true if the number is colorful, false otherwise.

A colorful number is a number where all the products of consecutive subsets of digit are different.

For this exercise, just consider numbers with up to 3 digits only (not more).

Example:

- `263` is a colorful number because (2, 6, 3, 2x6, 6x3, 2x6x3) are all different
- `236` is not because (2, 3, 6, 2x3, 3x6, 2x3x6) have 6 twice