SQUARE EYED
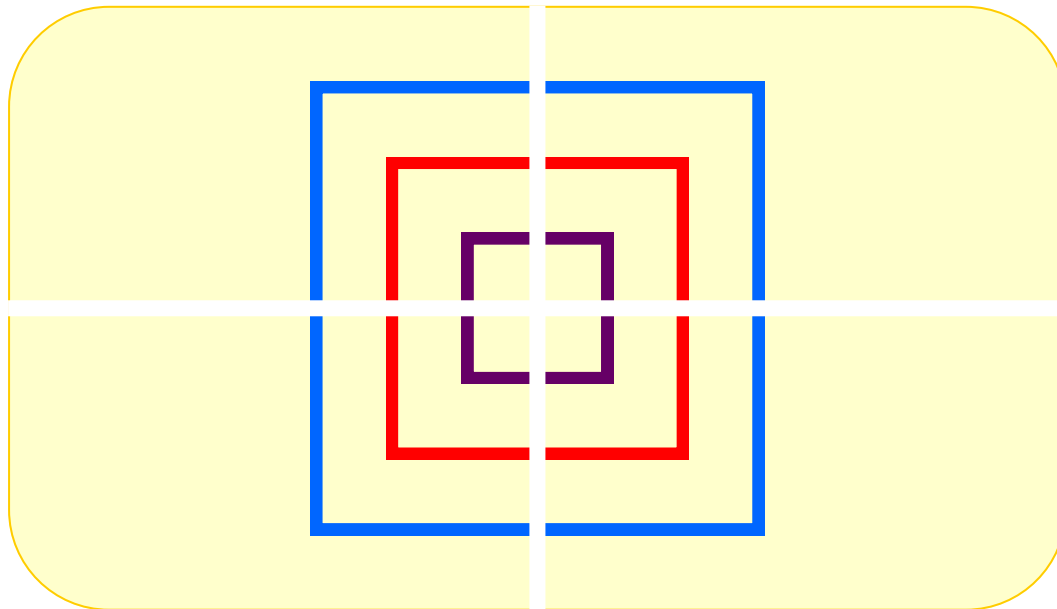
Look at the picture below.

The red square forms new squares by fitting around the purple square, and then the blue square fits around the red square.

How many squares are there in total?

If an even larger square was drawn around the blue square and even larger one around that .. How many squares would be in the new pattern?