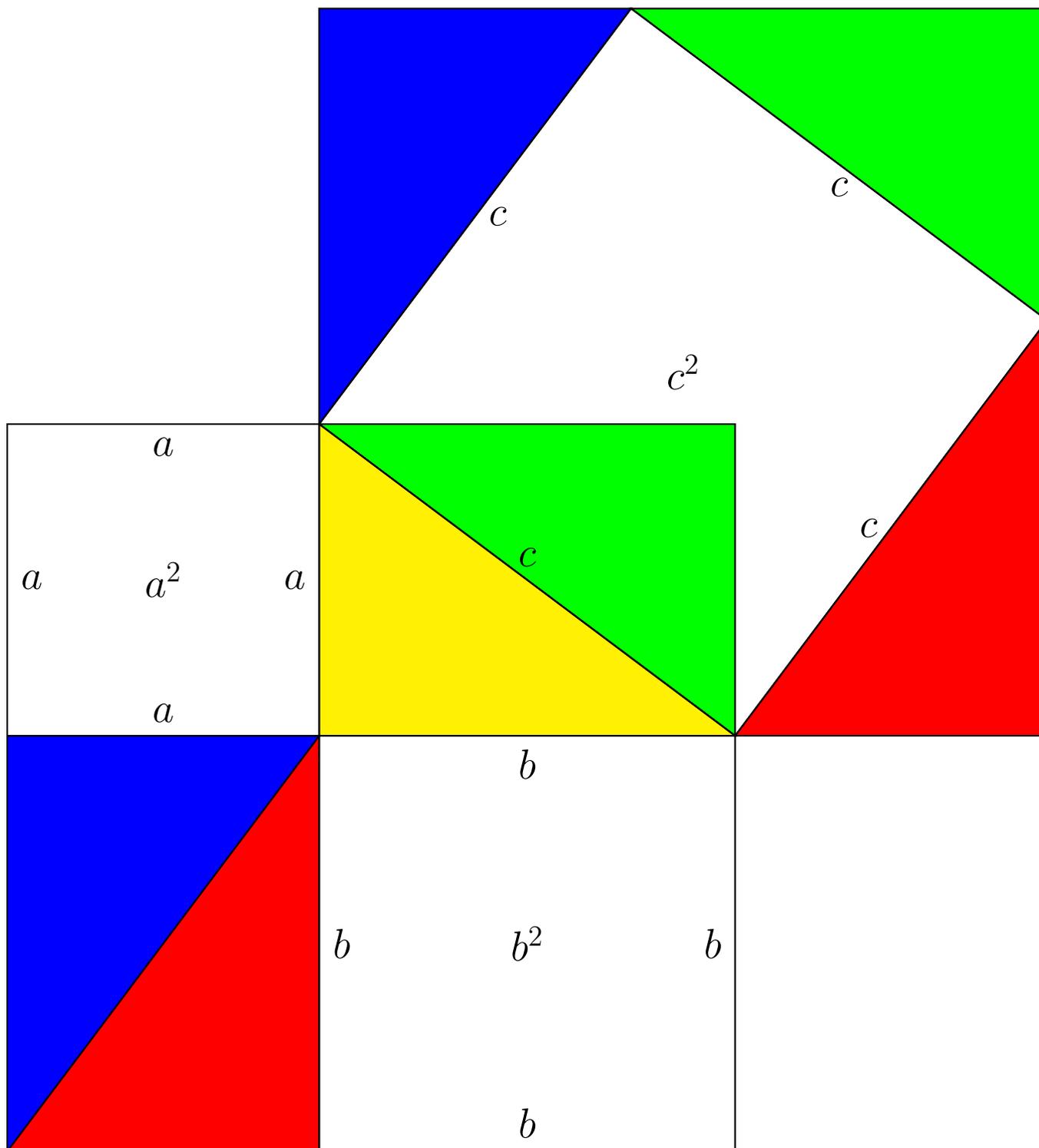


# A proof of the Pythagorean theorem



Therefore  $a^2 + b^2 = c^2$  in any right-angled triangle