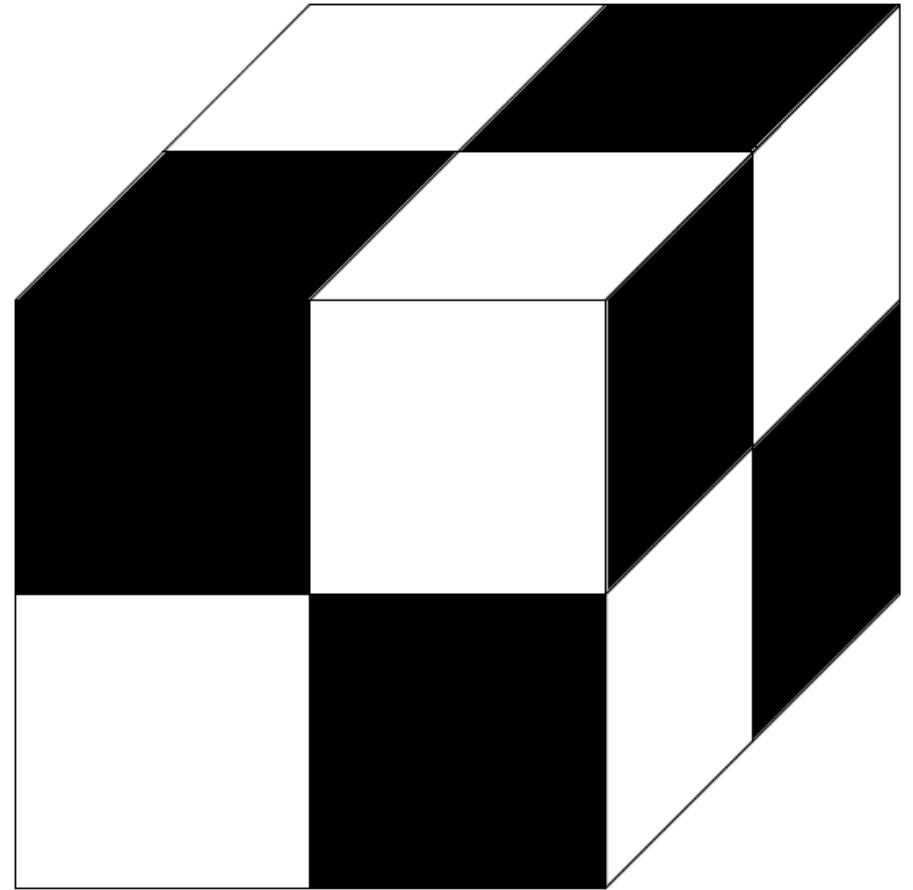


THE CHESS CUBE

Arrange the eight black and white cubes to make a $2 \times 2 \times 2$ cube as shown. When the cube is flipped over 180 degrees so the other three sides are visible, the pattern should look the same. When two small cubes touch each other, the faces they share must both be the same color.



What other designs can you make following these same rules?