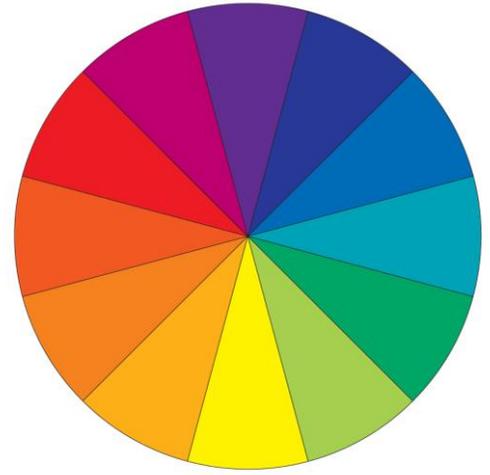


Do You See What I See?

You may see lots of colors around you—blues, greens, reds, yellows, oranges. The colors we see are based on a number of things, including colors we have learned and how sensitive our eyes are to light. Some people may see up to 1 million different shades of color while others may only see 10,000 different shades of color.



What if one day you could only see the world in black and white? Would you remember the colors that you once saw? Would they be the same colors that other people saw?

Try this activity to discover how the colors you know and see may be different from or the same as the colors someone else knows and sees.

You will need:

- White paper—at least two sheets, one for you and one for your partner
- Pencils, black pens, black markers, or black colored pencils
- Crayons, colored pencils, or colored markers
- A partner

Directions:

1. Use a pencil or black pen or black marker to draw a picture of something you see or like on a white sheet of paper. Draw the outlines of the objects in your drawing and don't color in any of the details. You can draw anything you like that is familiar to you and your partner. For example, you could draw a picture of your house, your yard, your pets, or your family. Your partner should draw their own picture of something that is familiar to the both of you.
2. After you finish drawing, you and your partner should think about the colors you would use in your pictures if you were to color them. Don't share this information with each other!
3. Show your drawing to your partner. Ask them to look at your picture and share what colors they think you would use in your picture. Then have your partner show their picture to you so that you can guess what colors they would use.
4. After sharing, each person should color their picture using crayons, colored pencils, or colored markers using the colors they thought about in Step 2. Don't peek at each other's pictures!
5. Now share your colored picture with your partner. Did your partner correctly guess the colors you actually used in your picture? Ask your partner to share their picture. Did you correctly guess the colors they used?