

For Advanced Kid Learners

Book 3

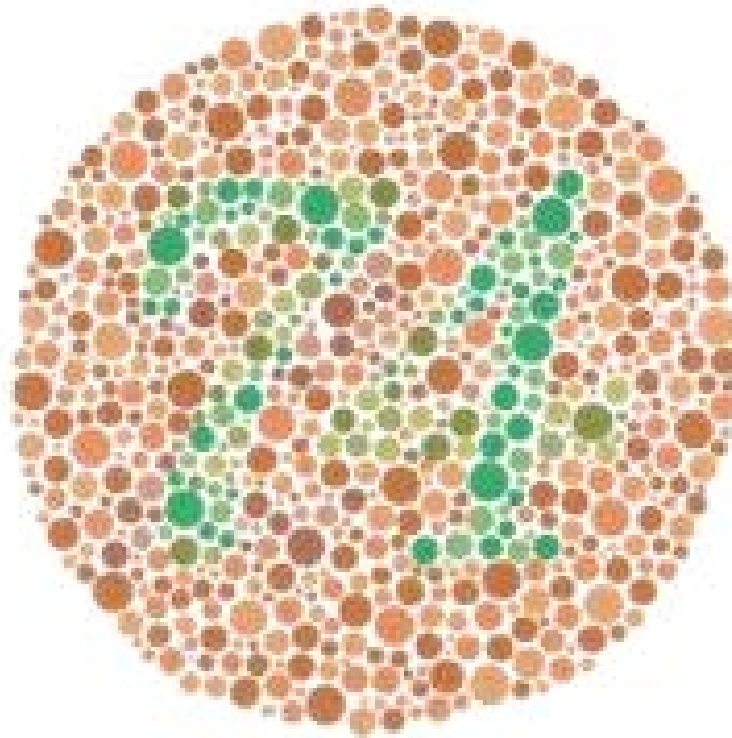
# Time to Talk

Lesson 18 Understanding Color Blindness



**Warm-up question.**

**What numbers can you see in the picture?**



## Read and learn.

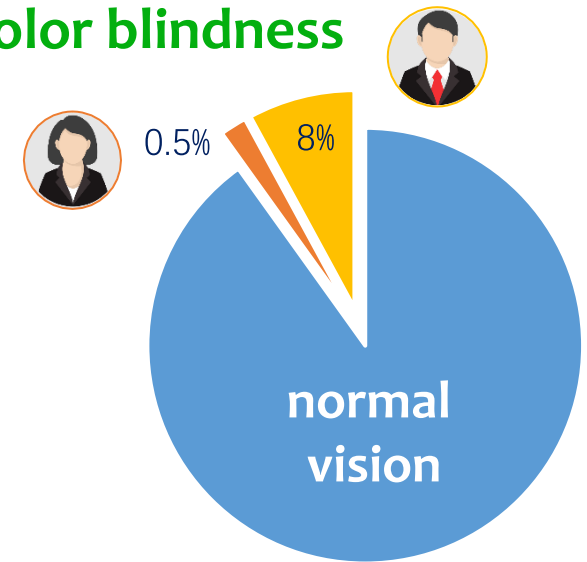
# Understanding Color Blindness

**Color blind** people cannot tell the difference between some colors, especially green and red. Some cannot see colors **at all**.

Color blindness can happen to men and women, but it is much more common in men.

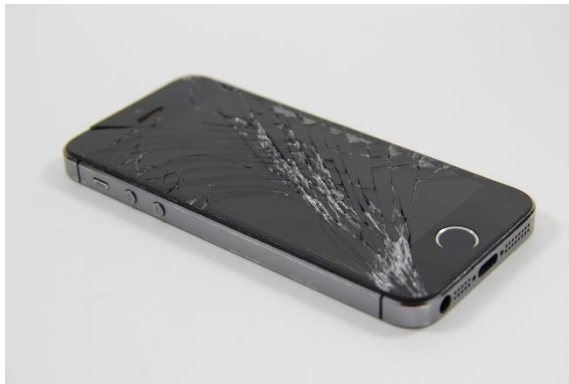
**color blind** -- not able to tell the difference between some colors

color blindness



## Read and learn.

Most color blind people are born with this problem. Some people get color blind because of the **damage** to their eyes or their brain. Some **chemicals** can also cause color blindness.



### **damage**

-- harm or injury



### **chemical**

-- something used in or produced by a chemical process

## Read and learn.

There are different types of color blindness.

### Red-green Color Blindness

This is the most common type of color blindness. It mostly happens to men. They have **trouble** telling the difference between red and green.



Red or  
green?



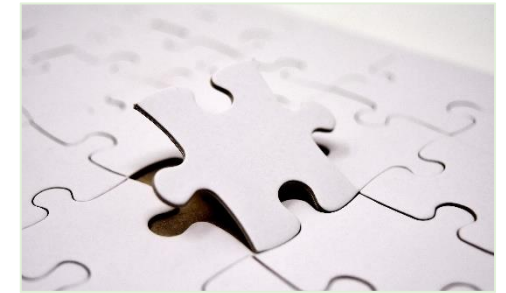
**trouble** -- a problem or difficulty



## Read and learn.

### Blue-yellow Color Blindness

Some color blind people cannot tell the difference between blue and green, and yellow and violet. It happens to both men and women.



### Complete Color Blindness

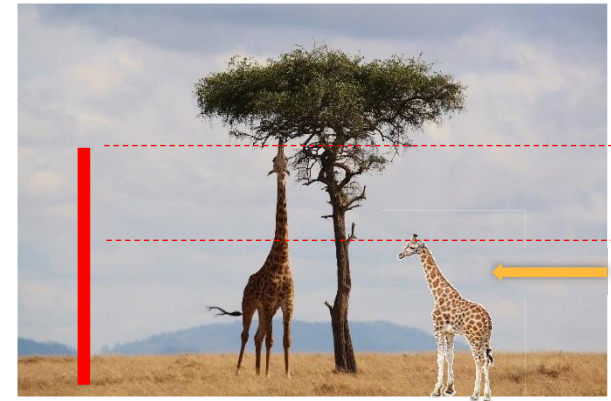
Very few people have **complete** color blindness. They do not see colors. They can only see black, gray and white.



## Read and learn.

Color blindness can be a **disadvantage** in life. Color blind people cannot take jobs like police officer, firefighter, and airline pilot. In some countries, the color-blind cannot drive.

Luckily, there are special glasses for color blind people. They can see colors with them.



### **disadvantage**

-- something that makes it difficult to succeed

**Read, choose and write.**

disadvantage

complete

trouble

damage

chemical

- \_\_\_\_\_ 1. a problem or difficulty
- \_\_\_\_\_ 2. having all of the necessary parts; whole
- \_\_\_\_\_ 3. harm or injury
- \_\_\_\_\_ 4. something used in or produced by a chemical process
- \_\_\_\_\_ 5. something that makes it difficult to succeed



## Grammar

 **not** (do something) **at all**

*definitely not, not in any way*

### Examples

Some people cannot see colors **at all**.

People do **not** like the little girl **at all**.

She did **not** do her homework **at all**.



**+** Make your own sentences using “**not...at all.**”

1. \_\_\_\_\_.

2. \_\_\_\_\_.



## Answer the questions.

1. What are the differences between the three kinds of blindness?

red-green color blindness

blue-yellow color blindness

complete color blindness

2. What can't color blind people do?

3. How can a color-blind person see colors?