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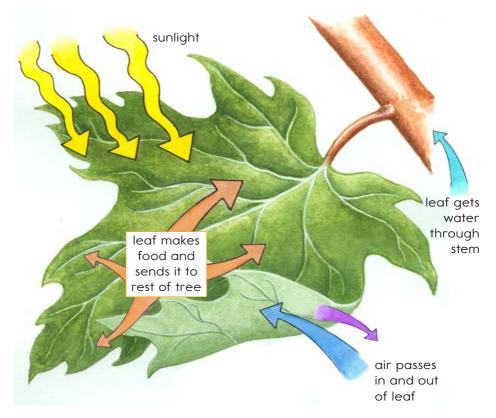
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So Many Colors

Why are leaves on trees different colors? What makes them change color?

#### **How Leaves Make Food**



## **Making Food**

Leaves make food for the tree from sunlight, water, and air.
Green stuff in the leaves helps them make food. It also makes the leaves green.



## Summer

Leaves are green in summer because they are making food. The tree saves some of the food for winter.



## **Fall**

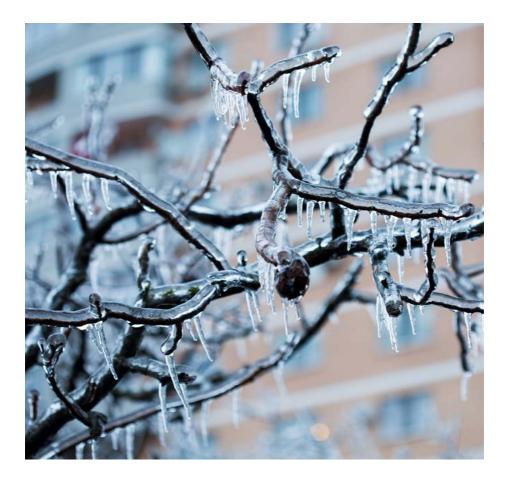
In fall, the weather changes. The days get shorter, and the nights get longer. Trees get less sunlight, so they make less food.



The leaves stop making the green color. Other colors that were under the green start to show.



Leaves turn yellow, orange, brown, and red.



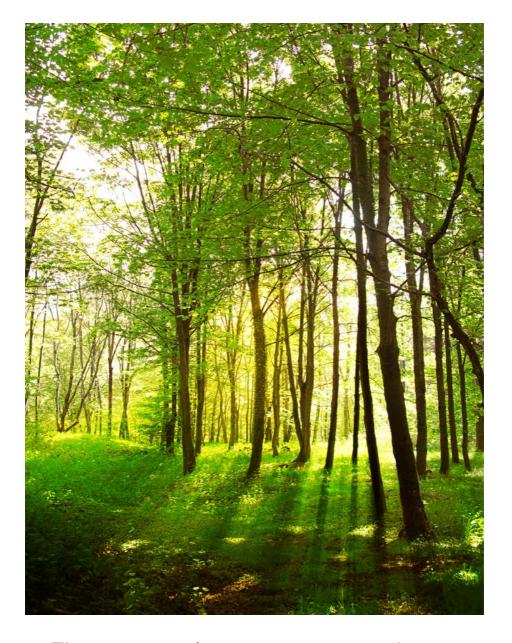
### Winter

Trees drop their leaves to get ready for winter. They use the food they saved to get through the cold days and nights.



# Spring

Spring comes. Ice and snow melt, and rain falls. The Sun shines. New leaves grow on the trees.



The green leaves start making food again.

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