

# LEAF COLORS



Do you know what chlorophyll is? It is found in plants. It gives leaves their green color. Chlorophyll also has another job. It helps plants make food. But leaves don't just come with chlorophyll. They must make it. To do that, they need light.

In the summer, there is a lot of sunlight. Leaves make lots of chlorophyll. That helps them make food. The leaves look **green**.



What happens in the fall? Daytime gets shorter. That tells trees to get ready for winter. Trees store food in their branches. They store food in their trunks and roots. They stop making chlorophyll.



What happens to the leaves? Their green color fades. Other colors show through. Leaves can be **yellow** or **orange**. Some are **red** or **purple**.





**Grass gets its green color from chlorophyll too.**



Cover a patch of grass. What happens? It won't get sun. The covered grass can't make chlorophyll.



After two weeks, the grass fades. The yellow color that was hidden shows through. If it gets sunlight, the grass will turn green again.

