

WHY LEAVES CHANGE COLOR



What exactly makes the leaves change colors when Autumn comes around ?

Usually during the spring/summer time we see trees, leaves, plants etc at their best and prettiest color. Then, as these seasons come to a end and the cold weather comes around they begin to turn brown, yellow deep red.



During the warm seasons the plants go through photosynthesis. Then, during the fall, the colors change because of the green chlorophyll within the plant are slowly leaving. when all the green chlorophyll is gone, carbohydrates inside of the plant use the whole winter to restore carbohydrates for the next seasons plant sprout. This is kinda like hibernation for the plants.

Weeping Willow Tree



Salix babylonica

During the spring and summer, the willow is in fullness and drapes to the ground in a beautiful sense. As the seasons begin to change into the colder weather, the tree will begin to lose its color due to the lack of chlorophyll within the tree.



Now that the weather is cold, the willow becomes very brown and lifeless without its leaves attached. The branches become as thin as paper and they will not strengthen or regrow until the following spring.



SOURCES :

- The winter wisdom of the weeping willow
- My own knowledge to the tree
- Google resources
- Trees true color