

# Wood Species



White oak tree with variations of white oak wood



## White Oak

- **General:** The heartwood of white oak is light brown to dark brown. The sapwood is cream to white in color.
- **Physical Properties:** White oak is slightly harder than red oak. It is very dense and durable.
- **Origin:** North America - Widespread throughout the eastern united states.
- **Janka Hardness:** 1360

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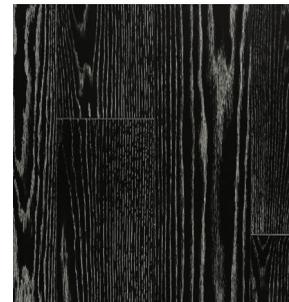
  
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Red oak tree with sample of red oak wood



## Red Oak

- **General:** The heartwood and sapwood of northern red oak are similar, with the sapwood slightly lighter in color. Most all pieces have a reddish tone.
- **Physical Properties:** Red oak is slightly softer than white oak. It is medium in strength.
- **Origin:** North America - found throughout the eastern united states.
- **Janka Hardness:** 1290



# Wood Species



Walnut tree with variations of walnut woods



## Walnut

- **General:** The heartwood of black walnut ranges in color from a deep, rich dark brown to a purplish black. The sapwood is creamy white to tan.
- **Physical Properties:** Walnut is tough, durable and provides excellent dimensional stability.
- **Origin:** North America - the eastern United States. From southern Minnesota east to Pennsylvania, New Jersey, New York, and south to the Carolinas, Georgia, Florida, and Alabama.
- **Janka Hardness:** 1010

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Hickory tree with variations of hickory woods

## Hickory

- **General:** Hickory is the hardest, heaviest and strongest American wood. The sapwood of hickory is white, tinged with fine brown lines while the heartwood is pale to reddish brown in color.
- **Physical Properties:** Hickory is well-known for its high strength and shock resistance. It is extremely tough and resilient with even texture.
- **Origin:** North America - the eastern United States. Principal commercial areas are the central and southern states.
- **Janka Hardness:** 1820



# Wood Species



Maple tree, sample of maple wood



River reclaimed heartpine logs and wood variation samples



## Maple

- **General:** The heartwood of maple is creamy white to a light reddish brown. The sapwood is pale to creamy white.
- **Physical Properties:** Maple wood is dense and heavy with excellent shock resistance making it the ideal wood for high traffic areas.
- **Origin:** North America - throughout eastern United States and Canada, particularly in the mid-Atlantic and Lake states.
- **Janka Hardness:** 1450

## River Reclaimed Heart Pine

A century ago 90 million acres of longleaf heart pine were clear-cut and transported down river to nearby sawmills. This wood was used to build America because it was hard, durable and beautiful. The lack of light and oxygen under the cool waters prevented normal rot and deterioration. Since the entire log is recovered, wood can be milled according to customer specifications.

Today, great care is used to retrieve sunken logs that by some fortune, never finished their journey to the sawmill. These lost logs have a richness not seen in newly harvested wood and provide unparalleled hardwood for flooring, stair parts and architectural millwork.

### GENERAL TERMS

#### HEARTWOOD

The heartwood is from the interior portion of a tree. Generally darker in appearance and harder than sapwood.

#### SAPWOOD

Sapwood is new growth on a tree. Normally it is softer than heartwood.

#### DIMENSIONAL STABILITY

The ability to maintain the original intended dimensions when influenced by a foreign substance. Wood is hygroscopic, and is not dimensionally stable with changes in moisture content below the fiber saturation point.

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