Comparison Chart of Star Types and Their Properties

Type Of Star	Approximate Mass Compared To Sun	Internal Pressure on Core	Core Temperature	Surface Temperature	Surface Colour	Luminosity Compared To Sun	Time Spent Burning Hydrogen Fuel	End Result
Blue Giant	5X To 90X $M_\odot$	~500 billion To ~20 trillion bar	50,000,000 K To 1,000,000,000 K	10,000 K To 50,000 K	Blue To Blue-White	20,000X To 1,000,000X	3 To 10 Myrs	Evolves into Yellow/Red Supergiant star, then explodes as Supernova. Neutron Star or Black Hole Forms.
Yellow Dwarf	0.6X To 2X $M_\odot$	~265 billion bar	14,000,000 K To 28,000,000 K	3600 K To 6500 K	Orange - Yellow - Yellow-White	0.5X To 3X	8 To 12 Gyrs	Evolves into Red Giant Then expels outer layers. (PN) Forms White Dwarf and eventually a Black Dwarf
Red Dwarf	0.075X To 0.5X $M_\odot$	~1 billion To 250 billion bar	8,000,000 K To 13,000,000 K	1800 K To 3500 K	Red-Orange Deep Red	0.05X To 0.4 X	30 Gyrs To 1 Tyrs	Larger ones form Red Giants Then white dwarf All eventually cool to form black Dwarf
Brown Dwarf	Below 0.07X $M_\odot$	Less than 900 million bar	Below 5,000,000 K	Below 1800 K	Dark Red/Brown Brown	Below 0.05X	N/A	Continues to cool Until only a cold sphere of liquified gas exists.

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