

Moissanite vs Diamond vs Lab-Created Diamond Comparison Chart

Feature	Moissanite	Natural Diamond	Lab-Created Diamond
Origin	Lab-created from silicon carbide	Mined from the earth	Grown in labs using HPHT or CVD methods
Brilliance (Sparkle)	Very high (rainbow-like fire)	High (classic white sparkle)	Identical to natural diamonds
Hardness (Mohs Scale)	9.25	10	10
Durability	Extremely durable	Extremely durable	Extremely durable
Color Options	Colorless, near-colorless, and fancy colors	Colorless to fancy natural tones	Colorless to a wide range of fancy colors
Price	\$\$\$ (Most affordable)	\$\$\$\$\$ (Most expensive)	\$\$\$\$ (Less than natural diamond, more than moissanite)
Ethical Sourcing	Lab-made, minimal environmental impact	Often associated with ethical/environmental concerns	Ethically produced in controlled environments
Eco-Friendliness	Very eco-friendly	High environmental impact	Eco-friendly compared to mining
Visual Differences	More colorful sparkle; double refraction visible	Classic sparkle; single refraction	Indistinguishable from natural diamond without tools
Grading Standards	No universal grading system	GIA/AGS grading systems	Same as natural diamonds
Popularity	Increasing rapidly for engagement and fashion rings	Traditional choice for engagement rings	Gaining popularity as a modern alternative