

Some examples of LASER types with the main emission wavelength

Characteristic Spectrum	Laser Type	Wavelength (nm)
UV	Argon Fluoride	193
UV	Krypton Chloride	222
UV	Krypton Fluoride	248
UV	Xenon Chloride	308
UV	Helium Cadmium	325
UV	Nitrogen	337
UV	Xenon Fluoride	351
Violet	Helium Radium	441
Blue	Krypton	476
Blue	Argon	488
Green	Copper Vapor	510
Green	Argon	514
Green	Krypton	528
Green	Frequency Doubled Nd:YAG	532
Green	Helium Neon	543
Yellow	Krypton	568
Yellow	Copper Vapor	570
Yellow	Rhodamine 6G dye (tunable)	570
Yellow	Helium Neon	594
Orange	Helium Neon	610
Red	Gold Vapor	627
Red	Helium Neon	633
Red	Krypton	647
Red	Rhodamine 6G dye	650
Red	Ruby (CrAlO <sub>3</sub> )	694
Near IR	Titanium Sapphire	800
Near IR	Helium Neon	840
Near IR	Nd:YAG	1064
Near IR	Helium Neon	1150
Near IR	Erbium	1504
Near IR	Hydrogen Fluoride	2700
Near IR	Helium Neon	3390
Far IR	Carbon Dioxide	9600
Far IR	Carbon Dioxide	10600