

THE GUIDE TO COLORED GEMSTONES

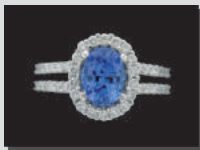


THE PASSPORT TO YOUR PRECIOUS GEMS & JEWELRY

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Color Gems

- Species : CORUNDUM
Variety : Ruby, Sapphire, Fancy Sapphires
Colors : Ruby - Red, Purplish red, Orangy Red Sapphire- Blue, Violetish Blue, Greenish Blue Fancy Sapphires – All colors except Red & Blue
Sources : Sri Lanka, Myanmar (Burma), Africa, Australia, Thailand, Kashmir
Hardness : 9 moh's scale

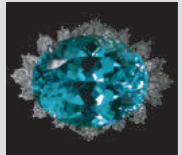


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- Species : BERYL
Variety : Emerald, Aquamarine, Green Beryl, Maxixe, Morganite, Heliodor, Red Beryl
Colors : Emerald-Green, Bluish Green, Yellowish Green, Heliodor- Yellow Aquamarine – Blue to Greenish Blue, Maxixe – Violetish Blue, Morganite- Light Pink,
Sources : Columbia, Brazil, Africa, Russia, Afghanistan, Pakistan
Hardness : 7½ – 8 moh's scale





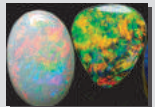
Species : TOURMALINE
Variety : Rubellite, Indicolite, Chrome Tourmaline, Paraiba Tourmaline
Colors : Rubellite- Pink, Red, Purplish red,
Indicolite- blue, violetish blue,
Chrome Tourmaline - Intense Green
Paraiba Tourmaline- "Neon" blue, greenish blue
Sources : Brazil, Africa, Russia, Sri Lanka, Mynamar (Burma)
Hardness : 7 – 7½ moh's scale



Species : ZOISITE
Variety : Tanzanite
Colors : Bluish Violet to Violetish Blue
Sources : Tanzania
Hardness : 6 - 7 moh's scale

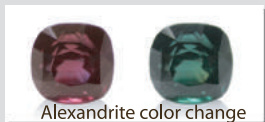


Species : OPAL
Variety : White, Black, Fire opal,
Colors : Play of color against White & Black,
Fire Opal -Red, Orange
Sources : Australia, Brazil, Mexico
Hardness : 5 - 6½ moh's scale

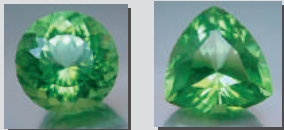


Color Gems

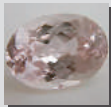
- Species : CHRYSOBERYL
Variety : Alexandrite, cat's eye chrysoberyl & other designated by color
Colors : Alexandrite: Daylight Green to bluish Green & Incandescent light : Purplish Red
Cat's Eye : Brownish Yellow to Greenish Yellow
Sources : Sri Lanka, Brazil, East Africa, Russia
Hardness : $8\frac{1}{2}$ moh's scale



- Species : PERIDOT
Colors : Yellowish Green to Greenish Yellow
Sources : Myanmar (Burma), Pakistan, United States
Hardness : $6\frac{1}{2}$ - 7 moh's scale



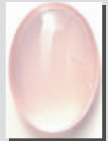
- Species : SPODUMENE
Variety : Kunzite
Colors : "Rose" pink to Bluish purple "lilac"
Sources : Afghanistan, Brazil, Madagascar, United States
Hardness : $6\frac{1}{2}$ - 7 moh's scale



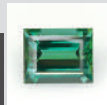
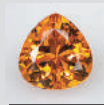
Species : TURQUOISE
 Colors : Blue to Greenish Blue
 Sources : China, U.S.A.
 Hardness : 5 - 6 moh's scale



Species : QUARTZ
 Variety : Amethyst, Citrine, Rock Crystal, Rose Quartz, Smoky Quartz, Tiger's Eye,
 Colors : Amethyst- Purple, Citrine- Yellow, Orange, Rock crystal - Colorless, Rose Quartz- Pink, Smoky Quartz - Brown, black,
 Sources : Sri Lanka, Brazil, Africa, Russia
 Hardness : 7 moh's scale

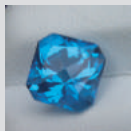
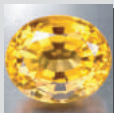


Group : GARNET
 Species : Andradite, Spessartine, Almadine-Pyrope, Grossularite
 Variety : Demantod, Mandarin garnet, Rhodolite, Hessonite, Tsavorite,
 Colors : Green, Yellow, Orange, Purple, Red, Pink
 Sources : Sri Lanka, Brazil, Africa, Russia
 Hardness : 6½ - 7 moh's scale

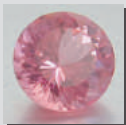


Color Gems

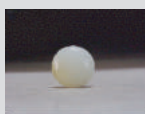
Species : TOPAZ
Colors : Blue, Green Yellow, Orange, Red, Pink, Purple, Colorless
Sources : Australia, Brazil, Sri Lanka, Myanmar (Burma), Africa, U.S.A.
Hardness : 8 moh's scale



Species : SPINEL
Colors : Violet, Blue, Orange, Red, Pink, Purple
Sources : Myanmar (Burma), Sri Lanka, Tanzania, Cambodia
Hardness : 8 moh's scale



Species : JADE (Jadeite)
Colors : Green, Yellow, Reddish Orange, Lavender White, Grey, Black
Sources : Myanmar (Burma), Russia, Guatemala, U.S.A.
Hardness : 6½ - 7 moh's scale





PHENOMENAL GEMS

Change of Color : Alexandrite

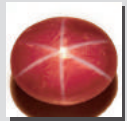
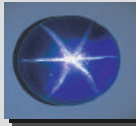


Daylight

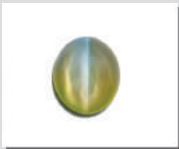


Incandescent light

Asterism : Star Ruby /Star Sapphire



Chatoyancy : Cat's Eye



Play of Color : Opal

