

Table of 140 watercolor color swatches, each with a name, series number, and color code. The colors range from yellows and oranges to blues, greens, and purples.

COLOR INFORMATION from left to right (I • 2 • Y • ●)
LR - ASTM LIGHTFASTNESS RATING
I=Excellent
II=Very Good
III=Fair
IV=Fugitive
(NR)=Not rated by ASTM. Rating based on DS independent testing.
NON-STAINING / STAINING
1=Non-Staining
2=Low
3=Medium
4=Staining
GRANULATION
N=No
Y=Yes, in varying degrees
TRANSPARENCY
○=Transparent
◐=Semi-Transparent
●=Opaque
PrimaTek® Series Paint
unique colors made with authentic mineral pigments

DANIEL SMITH Luminescent™ Watercolor



 Duochrome Green Pearl Series 1 284 640 040 I • 1 • N • O PW 20, PW 6	 Duochrome Oceanic Series 1 284 640 029 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Blue Pearl Series 1 284 640 039 I • 1 • N • O PW 20, PW 6	 Duochrome Turquoise Series 1 284 640 043 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Cabo Blue Series 1 284 640 044 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Aquamarine Series 1 284 640 030 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Emerald Series 1 284 640 042 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Desert Bronze Series 1 284 640 035 I • 1 • N • O PW 20, PW 6, Iron Oxides
 Duochrome Saguaro Green Series 1 284 640 037 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Adobe Series 1 284 640 036 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Autumn Mystery Series 1 284 640 047 I • 1 • N • O Silica Coated w/PW 6	 Duochrome Cactus Flower Series 1 284 640 038 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Hibiscus Series 1 284 640 031 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Violet Pearl Series 1 284 640 041 I • 1 • N • O PW 20, PW 6	 Duochrome Mauve Series 1 284 640 026 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Duochrome Tropic Sunrise Series 1 284 640 048 I • 1 • N • O Silica Coated w/PW 6
 Duochrome Lapis Sunlight Series 1 284 640 049 I • 1 • N • O Silica Coated w/PW 6	 Duochrome Violet Fantasy Series 1 284 640 045 I • 1 • N • O Silica Coated w/PW 6	 Duochrome Arctic Fire Series 1 284 640 046 I • 1 • N • O Silica Coated w/PW 6	 Interference Blue Series 1 284 640 001 I • 1 • N • O PW 20, PW 6	 Interference Copper Series 1 284 640 002 I • 1 • N • O PW 20, PW 6	 Interference Gold Series 1 284 640 003 I • 1 • N • O PW 20, PW 6	 Interference Green Series 1 284 640 004 I • 1 • N • O PW 20, PW 6	 Interference Lilac Series 1 284 640 005 I • 1 • N • O PW 20, PW 6
 Interference Red Series 1 284 640 006 I • 1 • N • O PW 20, PW 6	 Interference Silver Series 1 284 640 007 I • 1 • N • O PW 20, PW 6	 Pearlescent Shimmer Series 1 284 640 024 I • 1 • N • O PW 20, PW 6	 Pearlescent White Series 1 284 640 025 I • 1 • N • O PW 20, PW 6	 Iridescent Moonstone Series 1 284 640 034 I • 1 • N • O PW 20, PW 6	 Iridescent Blue-Silver Series 1 284 640 014 I • 1 • N • O PW 20, PW 6	 Iridescent Sunstone Series 1 284 640 022 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Iridescent Aztec Gold Series 1 284 640 012 I • 1 • N • O PW 20, PW 6, Iron Oxides
 Iridescent Bronze Series 1 284 640 015 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Goldstone Series 1 284 640 018 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Iridescent Copper Series 1 284 640 016 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Gold Series 1 284 640 017 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Topaz Series 1 284 640 023 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Iridescent Jade Series 1 284 640 019 I • 1 • N • O PW 20, PW 6, Chromium Green Oxide	 Iridescent Garnet Series 1 284 640 028 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Iridescent Russet Series 1 284 640 020 I • 1 • N • O PW 20, Iron Oxides
 Iridescent Ruby Series 1 284 640 021 I • 1 • N • O PW 20, PW 6	 Iridescent Scarab Red Series 1 284 640 021 I • 1 • N • O PW 20, PR 101	 Iridescent Electric Blue Series 1 284 640 027 I • 1 • N • O PW 20, PW 6, Iron Oxides	 Iridescent Sapphire Series 1 284 640 033 I • 1 • N • O PW 20, PW 6	 Iridescent Antique Bronze Series 1 284 640 008 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Antique Copper Series 1 284 640 009 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Antique Gold Series 1 284 640 010 I • 1 • N • O PW 20, Iron Oxides	 Iridescent Antique Silver Series 1 284 640 011 I • 1 • N • O PW 20, Iron Oxides

Luminescent™ Watercolor

Iridescent colors reflect light directly, like a mirror reflection, resulting in intense color and sheen. Interference colors refract and scatter light; they take on different hues depending on where the light is striking and the viewer's point of view. Duochromes bounce between two different colors depending on the reflective light. Pearlescent colors add an opalescent sheen.

Here are a few examples of Color Mixing with Luminescent Watercolor:

Adding Light with Interference and Pearlescent Pigments:

Interference Gold + Hooker's Green

Color Shifting Mixtures with Duochrome Pigments:

Duochrome Oceanic + Cerulean Blue

Changing Hue with Iridescent Watercolor:

Iridescent Gold + Quinacridone Red

Maximizing Texture with Luminescent Paints:

Iridescent Garnet + Mayan Blue Genuine

DANIEL SMITH Extra Fine™ Watercolor

- **Manufactured in Seattle, Washington USA**
- **247 Colors**—The widest range of professional watercolors on the market.
- **207 Single Pigment Colors**—Single pigment colors provide clear and clean washes.
- **244 Colors with Lightfast Rating (LR) I or II**
LR rating I = 100+ years LR rating II = 100
Lightfastness rating informs you as to how many years the color in your artwork will stay the same.
- **13 Quinacridone Colors**—The Quinacridone family of colors (pronounced kwin ak' ri doan) are high-performance pigments with outstanding transparency and color intensity. Used often in the auto industry.
- **37 PrimaTek® Colors**—This exclusive family of colors are made from naturally occurring pigments, reviving a tradition of making paints the way the Egyptians and other early cultures did. To find these rare pigments, our mineralogist circles the globe, going to some of the most remote areas in the world. The diversity of these colors is amazing from the subtle earth tones of Hematite Genuine to the exquisite jewel shades of Amazonite Genuine, Rhodonite Genuine and Lapis Lazuli Genuine to name just a few. The resulting characteristics of these paints vary based on the mineral. Most have a natural luminosity and many granulate.
- **What is Granulation?**—Granulating pigments tend to settle into the valleys of the paper creating unusual effects or patterns that enhance texture. This is Moonglow.

DANIEL SMITH Informative Labels

Our labels provide the information necessary to make educated color choices.

Pigment Name—ASTM common name for the pigment(s) used to make the color.
Pigment—(PV 15) Color Index Name and
CI#—(CI# 77007) Color Index Number
Vehicle—Binder used to secure the pigment to the paper or other substrate.



Conforms to ASTM D 4236—Statement required by Artist Labeling Law.
Conforms to ASTM D 4032, 5067, 5098—Statement informing artist that we comply to the ASTM specifications for artist materials.
AP Label—Approved Product Seal from the Art & Craft Materials Institute, meaning they are safe to use.

Ultramarine Violet
Series 1 284 600 108
I • 2 • Y • O
PV 15

DANIEL SMITH Color Information

first row: Color name
 second row: Series number • DS product number
 third row: Lightfastness • Non-Staining/Staining • Granulation • Transparency
 fourth row: Color index name

Lightfastness or permanence of a pigment is an indication of the resistance to change when exposed to light.
Non-Staining/Staining—Will the color stain your paper, can it be lifted?
Granulation—Does it or does it not create some granulating patterns?
Transparency—Can you see through the pigment or not?
 ○=Transparent ○=Semi-Transparent ●=Opaque
 ✪ Indicates the PrimaTek® family of colors



DANIEL SMITH EXTRA FINE™ WATERCOLOR

COLOR CHART