

DecoArt® Americana® Premium Acrylics Technical Specifications



Americana Premium Acrylics are formulated to the highest standards ensuring consistent quality throughout every tube available. This PDF will provide the detailed information you need for purchasing as well as using your new tube acrylics. The specifications include: color name and number, pigment information, light fastness, transparency, and Munsell rating. Detailed explanations on these specs are outlined below and specific product information is included in the reference table.

Color Name - Product name assigned by DecoArt

Part Number - DecoArt's identification number

Pigment Number - Identifying number of the pigment(s) used in that specific paint color's formulation. Pigments have specific names that are also referred to as Color Index (CI) Names, and are based off a code. The first two letters are the pigment hue and they are followed by a number(s). The number(s) that follow is the specific pigment's serial. Artists refer to these numbers to learn about the purity level or mixture used to create that specific color. For example, the Color Index Name PY3 means Pigment Yellow, serial number 3.

List of pigment color / hue two letter abbreviations:

PY (Pigment Yellow), PO (Pigment Orange), PR (Pigment Red), PV (Pigment Violet),
PB (Pigment Blue), PG (Pigment Green), PBr (Pigment Brown), PBk (Pigment Black),
PW (Pigment White), PM (Pigment Metal)

Pigment Name - Name of pigment used in that specific paint color's formulation. Can have abbreviated shade qualifiers:

GS (Green Shade), BS (Blue Shade), YS (Yellow Shade), RS (Red Shade)

Color Lightfastness - Describes how resistant to fading a color is when exposed to light.

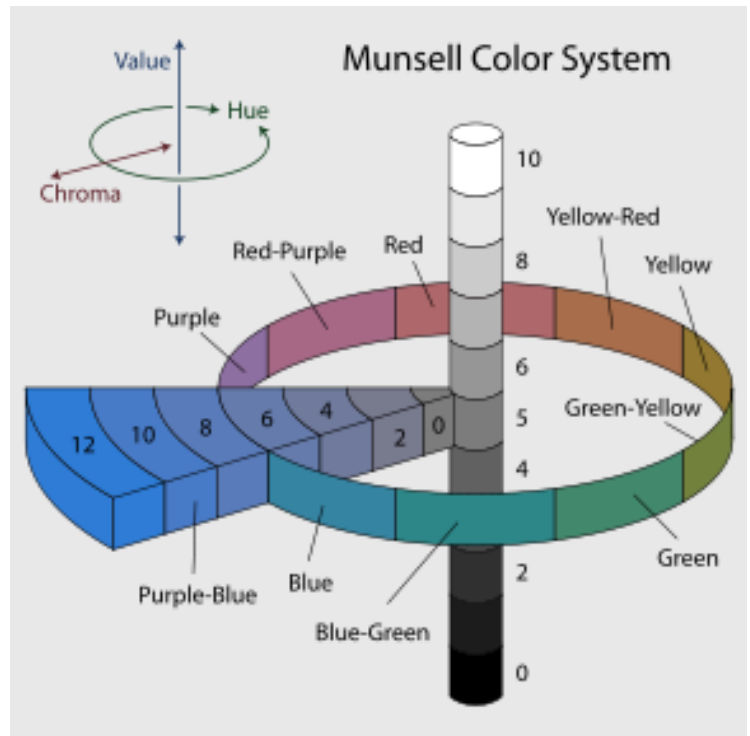
Five levels of rating:

I - Excellent, II - Very Good, III - Fair, IV - Poor, V - Very Poor

Transparency - Delineates whether the pigments used make a transparent, semi-transparent, or opaque paint.

Munsell Rating: The Munsell Color System is based on a three-dimensional model that helps to identify colors based on three attributes:

- **Hue** - the quality that separates colors from one another. There are ten hues in total: R (Red), RP (Red Purple), P (Purple), PB (Purple Blue), B (Blue), BG (Blue Green), G (Green), GY (Green Yellow), Y (Yellow), YR (Yellow Red).
- **Value** - qualifies the darkness or lightness of a color (0 for pure black to 10 for pure white).
- **Chroma** - level of saturation / strength of a color (scale starts at 0, and can run as high as needed; most go to 20 and can go to 30 for fluorescents).



Color Name	Part Number	Pigment Number	Pigment Name	Color Lightfastness	Transparency	Munsell Hue	Value	Chroma
Quinacridone Violet	DTA01	PV19	Quinacridone Violet	I Excellent	Transparent	7.2R	2.1	11.9
Quinacridone Magenta	DTA02	PR122	Quinacridone Magenta	I Excellent	Semi-Transparent	3.2R	2.8	11.9
Primary Magenta	DTA03	PV19 PV19	Quinacridone Red Quinacridone Violet	I Excellent	Transparent	3.2R	3.4	13.5
Cadmium Red Hue	DTA04	PR112 PR170	Naphthol Red AS-D Naphthol Red AS	II Very Good	Semi-Transparent	8.2R	4.3	15.8
Quinacridone Red	DTA05	PV19 PY74	Quinacridone Red Arylide Yellow 5GX	I Excellent	Semi-Transparent	5.7R	3.7	13.8
Pyrrole Red	DTA06	PR254	Pyrrole Red	I Excellent	Semi-Transparent	8.4R	4	17.1
Raw Umber	DTA07	PBr7	Brown Iron Oxide	I Excellent	Opaque	0.3Y	1.3	0.9
Burnt Umber	DTA08	PBr7 PBk7	Brown Iron Oxide Lamp Black	I Excellent	Opaque	6.8YR	1.4	1.5
Burnt Sienna	DTA09	PBr7	Brown Iron Oxide	I Excellent	Semi-Transparent	2.0YR	2.8	6.9
Raw Sienna	DTA10	PBr7	Brown Iron Oxide	I Excellent	Semi-Transparent	7.6YR	4.6	7.2
Quinacridone Gold Hue	DTA11	PR101 (trans) PR2	Red Iron Oxide Naphthol Red G	I Excellent	Transparent	0.1YR	3.4	11.5
Cadmium Orange Hue	DTA12	PO13 PY175	Pyrazolone Orange Benzimidazolone Yellow	II Very Good	Semi-Transparent	0.4YR	5.5	16.6
Vermillion Hue	DTA13	PY74 PR112	Arylide Yellow 5 GX Naphthol Red AS-D	I Excellent	Semi-Transparent	8.8R	4.9	15.3
Transparent Yellow Iron Oxide	DTA14	PY42 (trans)	Yellow Iron Oxide	I Excellent	Transparent	8.7YR	6.1	12.2
Yellow Oxide	DTA15	PY42	Yellow Iron Oxide	I Excellent	Semi-Transparent	1.3Y	5.8	8.5

Color Name	Part Number	Pigment Number	Pigment Name	Color Lightfastness	Transparency	Munsell Hue	Value	Chroma
Diarylide Yellow	DTA16	PY83	Diarylide Yellow	I Excellent	Semi-Transparent	7.9YR	7.3	16
Hansa Yellow Medium	DTA17	PY73	Arylide Yellow GX	I Excellent	Transparent	3.4Y	8	16.2
Hansa Yellow Light	DTA18	PY3	Arylide Yellow 10G	II Very Good	Transparent	9.2Y	8.8	13.3
Primary Yellow	DTA19	PY73 PY3 PW6	Arylide Yellow GX Arylide Yellow 10G Titanium White	II Very Good	Semi-Transparent	6.1Y	8.6	13.7
Green Gold	DTA20	PY150 PY3 PY151 PG36 PW6	Nickel Azo Yellow Arylide Yellow 10G Benzimidazolone Yellow H4G Phthalocyanine Green YS Titanium White	I Excellent	Semi-Transparent	4.1GY	5	7.6
Yellow Green Light	DTA21	PG36 PY83 PW6	Phthalocyanine Green YS Darylide Yellow Titanium White	I Excellent	Semi-Transparent	0.9G	4.9	9.1
Sap Green	DTA22	PY150 PG36 PBr7 PBk7	Nickel Azo Yellow Phthalocynine Green YS Brown Iron Oxide Lamp Black	I Excellent	Semi-Transparent	8.3Y	1.5	2.6
Phthalo Green - Blue	DTA23	PG7	Phthalocyanine Green BS	I Excellent	Semi-Transparent	2.4BG	1.4	5.7
Phthalo Blue	DTA24	PB15:1	Phthalocyanine Blue RS	I Excellent	Semi-Transparent	7.8PB	0.6	7.3
Viridian Green Hue	DTA25	PG7 PBr7	Phthalocyanine Green BS Brown Iron Oxide	I Excellent	Semi-Transparent	0.6BG	1.2	2.2
Phthalo Green - Yellow	DTA26	PG36	Phthalocyanine Green YS	I Excellent	Semi-Transparent	3.8G	2.4	10.2
Cobalt Turquoise Hue	DTA27	PG7 PB15:3 PBk7 PW6	Phthalocyanine Green BS Phthalocyanine Blue GS Lamp Black Titanium White	I Excellent	Semi-Transparent	0.2B	3.5	7.7
Phthalo Turquoise	DTA28	PB15:1 PG7	Phthalocynine Blue RS Phthalocynine Green BS	I Excellent	Semi-Transparent	5.0PB	0.7	4.1
Cobalt Teal Hue	DTA29	PG7 PB15:3 PW6	Phthalocyanine Green BS Phthalocyanine Blue GS Titanium White	I Excellent	Semi-Transparent	1.6B	5.1	9.1
Paynes Grey	DTA30	PBk7 PB15:1 PB15	Lamp Black Phthalocynine Blue RS Carbazole Dioxazine	I Excellent	Opaque	2.4PB	0.6	0.2
Cobalt Blue Hue	DTA31	PB29 PB60 PB15:1 PW6	Ultramarine Blue Indanthrone Blue Phthalocyanine Blue RS Titanium White	I Excellent	Semi-Transparent	6.8PB	2.4	12.7
Prussian Blue Hue	DTA32	PB15:1 PBk7 PV23	Phthalocyanine Blue RS Lamp Black Carbazole Dioxazine	I Excellent	Opaque	8.5PB	0.7	2.8
Ultramarine Blue	DTA33	PB29	Ultramarine Blue	I Excellent	Semi-Transparent	8.2PB	2.3	15.7
Primary Cyan	DTA34	PB15:3 PW6	Phthalocyanine Blue GS Titanium White	I Excellent	Semi-Transparent	5.9PB	1.7	11.7
Cerulean Blue	DTA35	PB29 PB15:3 PBk7 PW6	Ultramarine Blue Phthalocyanine Blue GS Lamp Black Titanium White	I Excellent	Semi-Transparent	3.0PB	3.1	9.7
Dioxazine Purple	DTA36	PV23	Carbazole Dioxazine	I Excellent	Semi-Transparent	1.1P	0.7	2.5
Carbon Black	DTA37	PBk7	Lamp Black	I Excellent	Opaque	Black	0.5	0

Color Name	Part Number	Pigment Number	Pigment Name	Color Lightfastness	Transparency	Munsell Hue	Value	Chroma
Dark Grey Value 3	DTA38	PBr7 PBk7 PW6	Brown Iron Oxide Lamp Black Titanium White	I Excellent	Opaque	8.6G	3.6	0.1
Translucent White	DTA39	PW6	Titanium White	I Excellent	Semi-Transparent	White	9.4	0.3
Titanium White	DTA40	PW6	Titanium White	I Excellent	Opaque	White	9.6	0.2
Titan Buff	DTA41	PW6:1	Titanium White Buff	I Excellent	Opaque	2.6Y	8.3	2
Cadmium Yellow Hue	DTA44	PY74 PY83	Arylide Yellow 5GX Diarylide Yellow	I Excellent	Transparent	2.0Y	8	16.2
Warm Grey	DTA45	PBr7 PY42 PBk7 PW6	Brown Iron Oxide Yellow Iron Oxide Lamp Black Titanium White	I Excellent	Opaque	6.8Y	5.3	0.5

Metallics

Color Name	Part Number	Pigment Number	Pigment Name	Color Lightfastness	Transparency	Munsell Hue	Value	Chroma
Silver	DTA42	-	TiO2 Coated Mica	n/a	Semi-Transparent	n/a	n/a	n/a
Gold	DTA43	-	TiO2 Coated Mica	n/a	Semi-Transparent	n/a	n/a	n/a
Pale Gold	DTA46	-	TiO2 Coated Mica	n/a	Semi-Transparent	n/a	n/a	n/a
Copper	DTA47	-	TiO2 Coated Mica	n/a	Semi-Transparent	n/a	n/a	n/a