

PIGMENT DENSITY GOLDEN Artist Colors



Approximate density for pigments used in Golden Artist Colors' Heavy Body, Fluids, High Flow and OPEN Acrylics. The density is expressed in terms of Specific Gravity, or the ratio of the density of the pigment to the density of water. For example: a pigment with a Specific Gravity of 2 would be twice as dense as water.

Golden Artist Colors, Inc.

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[All Colors Listed From Lowest to Highest Density](#)

Colors Listed Alphabetically

[Golden Artist Colors](#)

[Interference/Iridescent](#)

[Fluorescent Phosphorescent](#)

All Pigments Sorted Lightest to Heaviest

Pigment / Color	CI Index	Specific Gravity
Diarylide Yellow	PY83 (HR-70)	1.27
Hansa Yellow Light	PY3	1.30
Fluorescent Chartreuse	N/A	1.35
Fluorescent Green	N/A	1.35
Fluorescent Blue	N/A	1.35
Fluorescent Magenta	N/A	1.35
Fluorescent Orange Yellow	N/A	1.35
Fluorescent Pink	N/A	1.35
Fluorescent Red	N/A	1.35
Fluorescent Orange	N/A	1.35
Quinacridone Red Light	PR207	1.40
Naphthol Red Light	PR112	1.41
Permanent Yellow Deep	PY65	1.41
Pyrrole Red Light	PR255	1.42
Hansa Yellow Opaque	PY74	1.43
Dioxazine Purple	PV23	1.44
Pyrrole Red Dark	PR264	1.45
Quinacridone Magenta	PR122	1.45
Hansa Yellow Medium	PY73	1.48
Primary Magenta	PV19	1.48
Quinacridone Gold	PO48	1.50

Vat Orange	PO43	1.50
Anthraquinone Blue	PB60	1.51
Benzimidazolone Yellow H6G	PY175	1.52
Quinacridone Burnt Orange	PR206	1.52
Phthalo Green Yellow Shade	PG36	1.53
Quinacridone Violet	PV19	1.53
Pyrrole Orange	PO73	1.55
Pyrrole Red	PR254	1.55
Quinacridone Magenta (Used in Quinacridone Crimson)	PR202	1.55
Benzimidazolone Yellow Medium	PY154	1.59
Phthalo Blue Green Shade	PB15:3	1.62
Phthalo Blue Red Shade	PB15:1	1.62
Naphthol Red Medium	PR5	1.69
Nickel Azo Yellow	PY150	1.77
Carbon Black	PBk7	1.80
Quinacridone Red	PV19	1.90
Phthalo Green	PG7	2.05
Graphite Gray	PBk10	2.25
Ultramarine Blue	PB29	2.35
Ultramarine Violet	PV15	2.35
Burnt Umber	PBr7	2.50
Bone Black	PBk9	2.52
Iridescent Pearl (Coarse)	N/A	2.80
Iridescent Pearl (Fine)	N/A	2.80
Iridescent Gold (Coarse)	N/A	2.90
Iridescent Gold (Fine)	N/A	2.90
Iridescent Gold Deep (Fine)	N/A	2.90
Coarse Alumina	N/A	3.00
Interference Colors - All Shades	N/A	3.00
Iridescent Copper (Fine)	N/A	3.00
Burnt Sienna	PBr7	3.10
Iridescent Copper Light (Coarse)	N/A	3.10
Iridescent Copper Light (Fine)	N/A	3.20
Burnt Umber Light	PBr7	3.35
Yellow Ochre	PY43	3.50
Raw Sienna	PY43	3.51
Transparent Yellow Iron Oxide	PY42	3.70
Cobalt Teal	PG50	3.8
Transparent Red Iron Oxide	PR 101	3.90
Titanium White	PW6	3.90
Phosphorescent Green	N/A	4.08
Titan Buff	PW6:1	4.10
Yellow Oxide	PY42	4.10
Mars Yellow	PBr6	4.19

Cerulean Blue Chromium	PB36:1	4.20
Cobalt Blue	PB28	4.30
Raw Umber	PBr7	4.42
Titanate Yellow	PY53	4.50
Cadmium Yellow Dark	PY35	4.60
Cadmium Yellow Light	PY35	4.60
Cadmium Yellow Medium	PY35	4.60
Cadmium Yellow Primrose	PY35	4.60
Mars Black	PBk11	4.60
Cerulean Blue Deep	PB36	4.70
Micaceous Iron Oxide	N/A	4.80
Cobalt Turquoise	PB36	4.80
Red Oxide	PR101	5.00
Violet Oxide	PR101	5.00
Cadmium Red Dark	PR108	5.03
Chrome Oxide Green	PG17	5.10
Chromium Oxide Green Dark	PG17	5.10
Cobalt Green	PG26	5.10
Cadmium Red Medium	PR108	5.17
Cadmium Orange	PO20	5.32
Cadmium Red Light	PR108	5.40
Zinc White	PW4	5.60
Bismuth Vanadate Yellow	PY184	6.11
Iridescent Stainless Steel (Coarse)	N/A	7.20
Iridescent Stainless Steel (Fine)	N/A	7.20

GOLDEN Acrylic Colors

Pigment / Color	CI Index	Specific Gravity
Anthraquinone Blue	PB60	1.51
Benzimidazolone Yellow Light	PY175	1.52
Bismuth Vanadate Yellow	PY184	6.11
Benzimidazolone Yellow Medium	PY154	1.59
Bone Black	PBk9	2.52
Burnt Sienna	PBr7	3.10
Burnt Umber	PBr7	2.50
Burnt Umber Light	PBr7	3.35
Cadmium Orange	PO20	5.32
Cadmium Red Dark	PR108	5.03
Cadmium Red Light	PR108	5.40
Cadmium Red Medium	PR108	5.17
Cadmium Yellow Dark	PY35	4.60
Cadmium Yellow Light	PY35	4.60

Cadmium Yellow Medium	PY35	4.60
Cadmium Yellow Primrose	PY35	4.60
Carbon Black	PBk7	1.80
Cerulean Blue Chromium	PB36:1	4.20
Cerulean Blue Deep	PB36	4.70
Chrome Oxide Green	PG17	5.10
Chromium Oxide Green Dark	PG17	5.10
Cobalt Blue	PB28	4.30
Cobalt Green	PG26	5.10
Cobalt Teal	PG50	3.8
Cobalt Turquoise	PB36	4.80
C.T. Interference Violet-Green	N/A	3.00
C.T. Interference Green-Orange	N/A	3.00
C.T. Interference Green-Blue	N/A	3.00
Diarylide Yellow	PY83 (HR-70)	1.27
Dioxazine Purple	PV23	1.44
Graphite Gray	PBk10	2.25
Hansa Yellow Light	PY3	1.30
Hansa Yellow Medium	PY73	1.48
Hansa Yellow Opaque	PY74	1.43
Mars Black	PBk11	4.60
Mars Yellow	PBr6	4.19
Naphthol Red Light	PR112	1.41
Naphthol Red Medium	PR5	1.69
Nickel Azo Yellow	PY150	1.77
Benzimidazolone Yellow Medium	PY154	1.59
Permanent Yellow Deep	PY65	1.41
Phthalo Blue Green Shade	PB15:3	1.62
Phthalo Blue Red Shade	PB15:1	1.62
Phthalo Green	PG7	2.05
Phthalo Green Yellow Shade	PG36	1.53
Primary Magenta	PV19	1.48
Pyrrole Orange	PO73	1.55
Pyrrole Red	PR254	1.55
Pyrrole Red Dark	PR264	1.45
Pyrrole Red Light	PR255	1.42
Quinacridone Burnt Orange	PR206	1.52
Quinacridone Magenta <i>(Used in Quinacridone Crimson)</i>	PR202	1.55
Quinacridone Magenta	PR122	1.45
Quinacridone Gold	PO48	1.50
Quinacridone Red Light	PR207	1.40
Quinacridone Red	PV19	1.90
Quinacridone Violet	PV19	1.53

Raw Sienna	PY43	3.51
Raw Umber	PBr7	4.42
Red Oxide	PR101	5.00
Titan Buff	PW6:1	4.10
Titanate Yellow	PY53	4.50
Titanium White	PW6	3.90
Transparent Red Iron Oxide	PR 101	3.90
Transparent Yellow Iron Oxide	PY42	3.70
Ultramarine Blue	PB29	2.35
Ultramarine Violet	PV15	2.35
Vat Orange	PO43	1.50
Violet Oxide	PR101	5.00
Yellow Ochre	PY43	3.50
Yellow Oxide	PY42	4.10
Zinc White	PW4	5.60

Iridescent Colors

Pigment / Color	CI Index	Specific Gravity
Coarse Alumina	N/A	3.00
C.T. Interference Violet-Green	N/A	3.00
C.T. Interference Green-Orange	N/A	3.00
C.T. Interference Green-Blue	N/A	3.00
Interference Blue (Fine)	N/A	3.00
Interference Gold (Fine)	N/A	3.00
Interference Green (Fine)	N/A	3.00
Interference Orange (Fine)	N/A	3.00
Interference Red (Fine)	N/A	3.00
Interference Violet (Fine)	N/A	3.00
Iridescent Copper (Coarse)	N/A	3.00
Iridescent Copper (Fine)	N/A	3.00
Iridescent Copper Light (Coarse)	N/A	3.10
Iridescent Copper Light (Fine)	N/A	3.20
Iridescent Gold (Coarse)	N/A	2.90
Iridescent Gold (Fine)	N/A	2.90
Iridescent Gold Deep (Fine)	N/A	2.90
Iridescent Pearl (Coarse)	N/A	2.80
Iridescent Pearl (Fine)	N/A	2.80
Iridescent Stainless Steel (Coarse)	N/A	7.20
Iridescent Stainless Steel (Fine)	N/A	7.20
Micaceous Iron Oxide	N/A	4.80

Fluorescent / Phosphorescent

Pigment / Color	CI Index	Specific Gravity
Fluorescent Blue	N/A	1.35
Fluorescent Chartreuse	N/A	1.35
Fluorescent Green	N/A	1.35
Fluorescent Magenta	N/A	1.35
Fluorescent Orange	N/A	1.35
Fluorescent Orange Yellow	N/A	1.35
Fluorescent Pink	N/A	1.35
Fluorescent Red	N/A	1.35
Phosphorescent Green	N/A	4.08

Updated 4/17/19