

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.

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

Colors Listed Alphabetically

[Golden Acrylic 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 |
| 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 |

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|---|--------|------|
| 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 <i>(Used in Quinacridone Crimson)</i> | PR202 | 1.55 |
| Transparent Pyrrole Orange | PO71 | 1.55 |
| Permanent Orange | PY154 | 1.59 |
| Phthalo Blue Green Shade | PB15:4 | 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 (Coarse) | 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 |
| 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 |

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|-------------------------------------|-------|------|
| 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 |
| Bismuth Vanadate Yellow | PY184 | 6.11 |
| 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 |

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|--|--------------|------|
| Cobalt Green | PG26 | 5.10 |
| Cobalt Turquoise | PB36 | 4.80 |
| Diarylide Yellow | PY83 (HR-70) | 1.27 |
| 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 |
| Permanent Orange | PY154 | 1.59 |
| Permanent Yellow Deep | PY65 | 1.41 |
| Phthalo Blue Green Shade | PB15:4 | 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 (Used in Quinacridone Crimson) | 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 |
| Transparent Pyrrole Orange | PO71 | 1.55 |
| 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 / Interference

| Pigment / Color | CI Index | Specific Gravity |
|-------------------------------------|-----------------|-------------------------|
| Coarse Alumina | 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 |