

HOLBEIN ARTIST'S DESIGNER GOUACHE							
Ref No.	Color Name	Chemical Name	Series	Perm	Color Index	Color Index	Munsell
				Rating	Number	Name	Rating
G501	Alizarin Crimson	Alizarin Lake	C	**	58000	PR83	3.5R 2.5/6
G570	Aqua Blue	Copper Phthalocyanine, Titanium Dioxide	A	**	74160, 77891	PB15, PW6	9.0B 7.0/8.0
G574	Ash Blue	Complex of Silica, Alumina, Soda & Sulphur; Dioxazine, Carbon, Titanium Dioxide	A	**	77007, 51319, 77266, 77891	PB29, PV23, PBk6, PW6	4.5PB 4.5/4.0
G555	Ash Green	Polychloro Copper Phthalocyanine, Hydrous Iron Oxide, Carbon, Titanium Dioxide	A	**	74260, 77492, 77266, 77891	PG7, PY42, PBk6, PW6	9.0G 5.5/2.5
G580	Blue Violet	Fluorescent pigment	B		42535	BV1	9.5PB 2/12.5
G644	Brilliant Gold	Titanated Mica	D	****	77019	PW20	--
G508	Brilliant Orange	Disazopyrazolone	A	*	21110	PO13	7.5R 5/14.5
G510	Brilliant Pink	Quinacridone, Titanium Dioxide	B	**	73905, 77891	PR209, PW6	7.0RP 7.0/9.5
G646	Brilliant Silver	Titanated Mica	D	****	77019	PW20	--
G603	Burnt Sienna	Native Earth, Iron Oxide	A	****	77491, 77492, 77499, 77727, 77730	PBr7, PR101	9.5R 4/6
G604	Burnt Umber	Native Earth	A	****	77491, 77492, 77499, 77727, 77730	PBr7	1YR 3/1.5
G543	Cadmium Green	Cadmium-Zinc Sulfide, Polychloro Copper Phthalocyanine	D	***	77205, 74260	PY35, PG7	2.5G 4.5/10
G552	Cadmium Green Deep	Cadmium-Zinc Sulfide, Polychloro Copper Phthalocyanine, Phthalocyanine	D	***	77205, 74260, 74160	PY35, PG7, PB15	5G 3.5/6.5
G544	Cadmium Green Pale	Cadmium-Zinc Sulfide, Polychloro Copper Phthalocyanine	D	***	77205, 74260	PY35, PG7	7GY 7/10
G504	Cadmium Red	Cadmium Selenide, Cadmium Sulfo-Selenide	E	***	77196, 77202	PR108, PO20	7R 5/14.5
G505	Cadmium Red Deep	Cadmium Selenide, Cadmium Sulfo-Selenide	E	***	77196, 77202	PR108	4.5R 4.5/13
G506	Cadmium Red Purple	Cadmium Selenide, Cadmium Sulfo-Selenide	E	***	77196, 77202	PR108	3.5R 4/10.5
G523	Cadmium Yellow	Cadmium-Zinc Sulfide	D	***	77205	PY35	1.5Y 8/13
G524	Cadmium Yellow Lemon	Cadmium-Zinc Sulfide	D	***	77205	PY35	8Y 9/10.5
G525	Cadmium Yellow Orange	Cadmium Sulfo-Selenide	D	***	77202	PO20	0.5YR 6/14
G502	Carmine	Monoazo	B	**	12475	PR170	5R 3.5/11
G562	Cerulean Blue	Cobalt Stannate	G	****	77368	PB35	1.5PB 5/10
G605	Chinese Orange	Monoazo, Benzimidazolone, Iron Oxide	C	**	12460, 11780, 77491	PR9, PO36, PR101	7R 4.5/9.5
G563	Cobalt Blue	Cobalt Aluminate	D	****	77346	PB28	5.5PB 4.5/13
G551	Cobalt Green Pale	Chromium Hydrate, Cobalt Aluminate, Titanium Dioxide	E	***	77289, 77346, 77891	PG18, PB28, PW6	5PG 5.5/6.5
G569	Cobalt Turquoise	Cobalt Titanate	D	****	77377	PG50	10.0BG 6.5/9.5
G583	Cobalt Violet	Cobalt Lithium Phosphate	G	***	77363	PV47	3.5P 4/14
G547	Cyprus Green	Monoazo, Polychloro Copper Phthalocyanine, Copper Phthalocyanine	A	**	11710, 74260, 74160	PY3, PG7, PB15	4.5BG 4.5/9.5
G548	Dark Green	Polychloro-Bromo Copper Phthalocyanine, Ferric-Ferrocyanide	A	***	74265, 77510	PG36, PB27	4BG 3/3
G545	Emerald Green	Monoazo, Polychloro Copper Phthalocyanine	A	**	11710, 74260	PY3, PG7	4.5G 5.5/11
G507	Flame Red	Monoazo	A	**	12460	PR9	6.5R 4.5/14
G503	Geranium	Monoazo, Fluorescent pigment	A	*	12475, 45175	PR170, BV11	3R 4/13
G620	Grey No. 1	Ferric-Magnesium Oxide, Carbon, Titanium Dioxide	A	***	77495, 77266, 77891	PBr11, PBk6, PW6	N=8
G621	Grey No. 2	Iron Oxide, Hydrous Iron Oxide, Carbon, Titanium Dioxide	A	***	77491, 77492, 77266, 77891	PR101, PY42, PBk6, PW6	N=6.5
G622	Grey No. 3	Native Earth, Carbon, Titanium Dioxide,	A	***	77491, 77492, 77499, 77727, 77730, 77266, 77891	PBr7, PBk6, PW6	N=4
G560	Ice Blue	Monoazo, Polychloro Copper Phthalocyanine, Copper Phthalocyanine	A	**	11710, 74260, 74160	PY3, PG7, PB15	7.5BG 4/9
G586	Iris	Dioxazine, Fluorescent pigment, Complex of Silica, Alumina, Soda & Sulphur	B	*	51319, 48020, 45174, 77007	PV23, BV7, BV15, PB29	1.0P 2.5/12.0
G606	Ivory Black	Carbon	A	****	77266	PBk6	N=2
G530	Jaune Brillant No. 1	Cadmium Sulfo-Selenide, Cadmium Sulfide, Titanium Dioxide	C	***	77202, 77205, 77891	PO20, PY35, PW6	2.5YR 8/6.5
G531	Jaune Brillant No. 2	Cadmium Sulfo-Selenide, Hydrous Iron Oxide, Titanium Dioxide	C	***	77202, 77492, 77891	PO20, PY42, PW6	3YR, 7/10
G607	Jet Black	Condensed Aniline	A	**	50440	PBk1	N=1.5
G568	Katsura Blue	Copper phthalocyanine	B	**	74160	PB15	5PB 3/9.5
G540	Leaf Green	Monoazo, Monoazo, Polychloro Copper Phthalocyanine	A	**	11680, 11710, 74260	PY1, PY3, PG7	4GY 8/10.5
G526	Lemon Yellow	Monoazo	A	**	11710	PY3	8Y 9/12
G587	Lilac	Dioxazine, Titanium Dioxide	B	**	51319, 77891	PV23, PW6	1.0P 6.0/9.0
G582	Magenta	Fluorescent pigment	B		45174	BV15	7.5P 3.5/16.5
G532	Marigold	Disazo	C	**	21108	PY83	7.0YR 7.5/12.5
G553	Moss Green	Hydrous Iron Oxide, Nitroso	A	**	77492, 10006	PY42, PG8	1.5GY 5.0/4.0
G528	Naples Yellow	Cadmium-Zinc Sulfide, Hydrous Iron Oxide, Titanium Dioxide	C	***	77205, 77492, 77891	PY35, PY42, PW6	1.5Y 7.5/7.5
G529	Naples Yellow Italian	Cadmium Sulfide, Hydrous Iron Oxide, Titanium Dioxide	C	***	77205, 77492, 77891	PY35, PY42, PW6	8YR 7.5/7

G572	Navy Blue	Complex of Silica,Alumina,Soda& Sulphur; Polychloro Copper Phthalocyanine	A	***	77007, 74260	PB29, PG7	0.5PB 2.5/5.0
G546	Olive Green	Monoazo, Nitroso	B	**	11680, 10006	PY1, PG8	6.5GY 4/5.5
G584	Opera	Fluorescent pigment	B		45160, 42535, 45175	BR1, BV1, BV11	6RP 4.5/17
G567	Peacock Blue	Copper Phthalocyanine, Polychloro Copper Phthalocyanine	A	***	74160, 74260	PB15, PG7	8.5B 4/10
G642	Pearl Copper	Titanated Mica	C	****	77019	PW20	--
G641	Pearl Gold	Titanated Mica	C	****	77019	PW20	--
G640	Pearl White	Titanated Mica	C	****	77019	PW20	--
G542	Permanent Green Deep	Monoazo, Polychloro Copper Phthalocyanine, Copper Phthalocyanine	A	**	11710, 74260, 74160	PY3, PG7, PB15	0.5BG 4/10
G541	Permanent Green Light	Monoazo, Polychloro Copper Phthalocyanine	A	**	11710, 74260	PY3, PG7	0.5G 6.5/11.5
G630	Permanent White	Titanium Dioxide	A	****	77891	PW6	N=9.5
G520	Permanent Yellow	Monoazo	A	**	11680	PY1	2.5Y 8.5/13
G521	Permanent Yellow Deep	Monoazo	A	**	11680	PY1	7.5Y 7.5/13
G522	Permanent Yellow Orange	Monoazo	A	**	11670	PY6	3YR 7/14
G556	Phthalo Green	Polychloro Copper Phthalocyanine	B	***	74260	PG7	1.0BG 3.5/7.3
G589	Pink	Fluorescent pigment, Titanium Dioxide	B	*	45170, 77891	BV10, PW6	1.0RP 7.0/13.0
G658	Primary Black	Carbon	A	****	77266	PBk7	N=1.7
G654	Primary Cyan	Copper Phthalocyanine	A	***	74160	PB15	1PB 5/13
G651	Primary Magenta	Quinacridone	A	***	73915	PR122	7PR 4.2/15
G659	Primary White	Titanium Dioxide	A	****	77891	PW6	N=9.7
G652	Primary Yellow	Monoazo	A	***	11710, 11741	PY3, PY74	8Y 9.1/14
G566	Prussian Blue	Ferric-Ferrocyanide	A	**	77510	PB27	7PB 2/6.5
G571	Pure Blue	Copper Phthalocyanine	A	**	74160	PB15	3.5PB 4.0/11.5
G509	Pure Red	Monoazo	C	**	12475	PR170	5.0R 4.5/13.0
G601	Raw Sienna	Hydrous Iron Oxide	A	****	77492	PY42	5.5YR 5/6.5
G602	Raw Umber	Native Earth	A	****	77491, 77492, 77499, 77727, 77730	PBr7	0.5Y 4.5/2.5
G643	Rich Gold	Titanated Mica	C	****	77019	PW20	--
G585	Rose	Fluorescent pigment	B		45160, 48020, 45175	BR1, BV7, BV11	3RP 4.5/16.5
G588	Rose Violet	Quinacridone	C	***	73915	PR122	5.5RP 3.5/10.0
G600	Sepia	Iron Oxide, Carbon	A	****	77491, 77492, 77499, 77266	PBr6, PBk6	1.5YR 2.5/1.0
G645	Silver	Titanated Mica	C	****	77019	PW20	--
G573	Smalt Blue	Complex of Silica,Alumina,Soda& Sulphur; Dioxazine, Titanium Dioxide	A	**	77007, 51319, 77891	PB29, PV23, PW6	6.5PB 5.0/12.5
G550	Terre Verte	Anhydrous Chromium Sesquioxide, Native Green Earth	A	****	77288, 77009	PG17, PG23	0.5G 4/3
G561	Turquoise Blue	Cobalt Titanate, Copper Phthalocyanine, Polychloro Copper Phthalocyanine, Titanium Dioxide	B	**	77377, 74160, 74260, 77891	PG50 PB15 PG7 PW6	8B 4.5/10
G554	Turquoise Green	Polychloro Copper Phthalocyanine, Titanium Dioxide	A	***	74260, 77891	PG7, PW6	2.0BG 6.5/8.0
G565	Ultramarine Deep	Complex of Silica, Alumina, Soda & Sulphur	A	***	77007	PB29	7PB 3/15.5
G564	Ultramarine Light	Complex of Silica, Alumina, Soda & Sulphur	A	***	77007	PB29	7PB 3.5/16.5
G581	Violet	Fluorescent pigment, Complex of Silica,Alumina,Soda&Sulphur	B		45174, 77007	BV15, PB29	3P 3/15
G549	Viridian	Chromium Hydrate	C	***	77289	PG18	1BG 4/7
G527	Yellow Ochre	Hydrous Iron Oxide, Hydrous Iron Oxide	A	****	77492, 77492	PY42, PY43	8.5YR 6/7.5
G631	Zinc White	Zinc Sulfide, Barium Sulfate	A	****	77115	PW5	N=9.5