

Number	Name	full colour	50% colour	Opacity	Lightfastness	Pigments	Full R	G	B	L*	a*	b*	Half R	G	B	L*	a*	b*
6000181	Unbleached titanium			O	I	PW6	202	181	151	75.4	3.8	18.0						
6000246	Cadmium lemon			O	I	PY35	251	223	0	90.6	-7.8	88.0	254	237	87	94.4	-9.9	68.4
6000366	Cadmium yellow medium			O	I	PY35	255	190	0	85.0	12.7	99.7	255	210	66	89.0	2.1	75.5
6000406	Cadmium yellow deep			O	I	PY35	255	170	0	81.5	25.7	104.6	255	186	27	84.9	18.1	85.0
6000423	Permanent yellow deep			SO	I	PY65	255	141	0	75.0	39.7	96.3	255	186	106	84.6	20.8	56.2
6000508	Cobalt yellow			T	II	PY40	217	153	0	70.0	12.6	84.5	248	215	107	88.7	-1.3	56.8
6000546	Cadmium orange			O	I	PO20	250	102	0	64.8	54.4	90.0	255	137	81	73.1	43.9	55.8
6000587	Cadmium red light			O	I	PR108	224	68	26	55.0	63.6	61.3	237	110	94	64.2	51.9	37.4
6000607	Cadmium red medium			O	I	PR108	184	29	25	42.8	66.2	48.4	207	105	110	58.2	48.0	19.1
6000665	Quinacridone red			T	I	PV19	150	30	35	35.1	54.4	33.8	201	80	125	53.0	58.5	4.9
6000687	Permanent crimson			T	I	PR177	101	0	15	20.9	49.5	26.4	186	80	110	50.0	54.1	7.7
6000728	Cobalt violet light			T	-	PV49	114	41	116	30.5	46.0	-25.1	227	199	222	82.9	16.2	-7.4
6000748	Cobalt violet deep			ST	I	PV14	90	63	101	30.8	20.5	-15.3	161	155	198	64.8	13.1	-20.5
6000848	Cerulean blue (genuine)			O	I	PB35	0	97	140	33.4	-14.0	-39.2	134	194	218	73.6	-12.8	-20.8
6000787	Cobalt teal			O	I	PG50	0	168	165	59.0	-43.4	-16.2	123	212	212	78.1	-28.3	-11.9
6000887	Cobalt turquoise bluish			O	I	PB36	0	89	117	31.5	-12.1	-28.6	0	158	190	56.9	-21.2	-31.9
6000927	Cobalt blue			SO	I	PB28	20	81	140	30.4	8.9	-42.8	80	164	216	61.5	-6.4	-38.7
6000942	Ultramarine blue			T	I	PB29	29	37	93	15.1	17.7	-37.2	79	143	216	55.3	3.2	-47.5
6000985	Indanthrone blue			ST	I	PB60	65	64	71	27.0	2.1	-3.8	86	144	195	55.7	-5.4	-34.4
6001004	Phthalo blue			T	I	PB15:3	39	39	77	16.0	13.0	-25.4	56	154	204	57.0	-9.5	-39.4
6001245	Viridian			ST	I	PG18	38	75	64	28.0	-15.3	-0.1	138	185	173	70.8	-18.1	-1.4
6001264	Phthalo green-yellowish			T	I	PG36	14	49	43	16.8	-12.9	-2.0	65	184	138	66.2	-46.8	9.3
6001284	Phthalo green			T	I	PG7	10	45	43	14.7	-9.2	-5.7	0	155	128	54.3	-49.0	-3.1
6001223	Chromium oxide			O	I	PG17	94	118	88	47.3	-17.9	14.4	109	132	102	52.8	-17.3	14.5
6000518	Green gold			ST	I	PY129	96	84	30	36.6	-3.7	33.0	210	187	98	77.5	-4.4	48.4
6000052	French terre verte			T	I	PG23	52	92	73	35.2	-20.1	4.5	218	233	226	90.8	-6.5	1.0
6000040	French yellow ochre deep			SO	I	PY43	165	108	60	52.4	17.9	38.4	236	195	154	82.7	8.9	27.8
6001501	Raw sienna			SO	I	PY43	154	95	37	47.8	18.7	44.1	212	162	113	71.8	12.2	34.5
6001521	Burnt sienna			SO	I	PR102	102	45	24	27.2	26.2	27.5	173	116	98	55.5	22.5	21.0
6001402	Mars red light			O	I	PR101	124	51	30	32.9	33.0	31.4	161	86	76	46.9	32.6	23.0
6001621	Raw umber			SO	I	PBr7	53	48	39	20.0	0.5	6.6	99	93	81	39.9	0.4	7.7
6001661	Burnt umber			SO	I	PBr7	59	49	44	21.4	4.1	5.5	138	116	99	51.1	6.6	13.2
6001702	Graphite grey			O	I	PBk10	83	81	80	34.5	0.7	0.8	144	154	162	62.7	-2.6	-5.5
6001721	Ivory black			SO	I	PBk9	46	47	47	18.9	0.0	-0.4	104	110	115	45.6	-1.5	-3.9
6000101	Titanium white			O	I	PW6	247	246	235	96.7	-0.9	4.9						
6001863	Irridescent pearl white			SO	-	TiO2/mica	236	230	217	91.6	0.5	7.1						
																		
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Number	Name	full colour	50% colour	Opacity	Lightfastness	Pigments	Full R	G	B	L*	a*	b*	Half R	G	B	L*	a*	b*
6001521	Burnt sienna			SO	I	PR102	102	45	24	27.2	26.2	27.5	173	116	98	55.5	22.5	21.0
6001661	Burnt umber			SO	I	PBr7	59	49	44	21.4	4.1	5.5	138	116	99	51.1	6.6	13.2
6000246	Cadmium lemon			O	I	PY35	251	223	0	90.6	-7.8	88.0	254	237	87	94.4	-9.9	68.4
6000546	Cadmium orange			O	I	PO20	250	102	0	64.8	54.4	90.0	255	137	81	73.1	43.9	55.8
6000587	Cadmium red light			O	I	PR108	224	68	26	55.0	63.6	61.3	237	110	94	64.2	51.9	37.4
6000607	Cadmium red medium			O	I	PR108	184	29	25	42.8	66.2	48.4	207	105	110	58.2	48.0	19.1
6000406	Cadmium yellow deep			O	I	PY35	255	170	0	81.5	25.7	104.6	255	186	27	84.9	18.1	85.0
6000366	Cadmium yellow medium			O	I	PY35	255	190	0	85.0	12.7	99.7	255	210	66	89.0	2.1	75.5
6000848	Cerulean blue (genuine)			O	I	PB35	0	97	140	33.4	-14.0	-39.2	134	194	218	73.6	-12.8	-20.8
6001223	Chromium oxide			O	I	PG17	94	118	88	47.3	-17.9	14.4	109	132	102	52.8	-17.3	14.5
6000927	Cobalt blue			SO	I	PB28	20	81	140	30.4	8.9	-42.8	80	164	216	61.5	-6.4	-38.7
6000787	Cobalt teal			O	I	PG50	0	168	165	59.0	-43.4	-16.2	123	212	212	78.1	-28.3	-11.9
6000887	Cobalt turquoise bluish			O	I	PB36	0	89	117	31.5	-12.1	-28.6	0	158	190	56.9	-21.2	-31.9
6000748	Cobalt violet deep			ST	I	PV14	90	63	101	30.8	20.5	-15.3	161	155	198	64.8	13.1	-20.5
6000728	Cobalt violet light			T	-	PV49	114	41	116	30.5	46.0	-25.1	227	199	222	82.9	16.2	-7.4
6000508	Cobalt yellow			T	II	PY40	217	153	0	70.0	12.6	84.5	248	215	107	88.7	-1.3	56.8
6000052	French terre verte			T	I	PG23	52	92	73	35.2	-20.1	4.5	218	233	226	90.8	-6.5	1.0
6000040	French yellow ochre deep			SO	I	PY43	165	108	60	52.4	17.9	38.4	236	195	154	82.7	8.9	27.8
6001702	Graphite grey			O	I	PBk10	83	81	80	34.5	0.7	0.8	144	154	162	62.7	-2.6	-5.5
6000518	Green gold			ST	I	PY129	96	84	30	36.6	-3.7	33.0	210	187	98	77.5	-4.4	48.4
6000985	Indanthrone blue			ST	I	PB60	65	64	71	27.0	2.1	-3.8	86	144	195	55.7	-5.4	-34.4
6001863	Irridescent pearl white			SO	-	TiO2/mica	236	230	217	91.6	0.5	7.1						
6001721	Ivory black			SO	I	PBk9	46	47	47	18.9	0.0	-0.4	104	110	115	45.6	-1.5	-3.9
6001402	Mars red light			O	I	PR101	124	51	30	32.9	33.0	31.4	161	86	76	46.9	32.6	23.0
6000687	Permanent crimson			T	I	PR177	101	0	15	20.9	49.5	26.4	186	80	110	50.0	54.1	7.7
6000423	Permanent yellow deep			SO	I	PY65	255	141	0	75.0	39.7	96.3	255	186	106	84.6	20.8	56.2
6001004	Phthalo blue			T	I	PB15:3	39	39	77	16.0	13.0	-25.4	56	154	204	57.0	-9.5	-39.4
6001284	Phthalo green			T	I	PG7	10	45	43	14.7	-9.2	-5.7	0	155	128	54.3	-49.0	-3.1
6001264	Phthalo green-yellowish			T	I	PG36	14	49	43	16.8	-12.9	-2.0	65	184	138	66.2	-46.8	9.3
6000665	Quinacridone red			T	I	PV19	150	30	35	35.1	54.4	33.8	201	80	125	53.0	58.5	4.9
6001501	Raw sienna			SO	I	PY43	154	95	37	47.8	18.7	44.1	212	162	113	71.8	12.2	34.5
6001621	Raw umber			SO	I	PBr7	53	48	39	20.0	0.5	6.6	99	93	81	39.9	0.4	7.7
6000101	Titanium white			O	I	PW6	247	246	235	96.7	-0.9	4.9						
6000942	Ultramarine blue			T	I	PB29	29	37	93	15.1	17.7	-37.2	79	143	216	55.3	3.2	-47.5
6000181	Unbleached titanium			O	I	PW6	202	181	151	75.4	3.8	18.0						
6001245	Viridian			ST	I	PG18	38	75	64	28.0	-15.3	-0.1	138	185	173	70.8	-18.1	-1.4
																		
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6000040	French yellow ochre deep			SO	I	PY43	165	108	60	52.4	17.9	38.4	236	195	154	82.7	8.9	27.8
6000052	French terre verte			T	I	PG23	52	92	73	35.2	-20.1	4.5	218	233	226	90.8	-6.5	1.0
6000101	Titanium white			O	I	PW6	247	246	235	96.7	-0.9	4.9						
6000181	Unbleached titanium			O	I	PW6	202	181	151	75.4	3.8	18.0						
6000246	Cadmium lemon			O	I	PY35	251	223	0	90.6	-7.8	88.0	254	237	87	94.4	-9.9	68.4
6000366	Cadmium yellow medium			O	I	PY35	255	190	0	85.0	12.7	99.7	255	210	66	89.0	2.1	75.5
6000406	Cadmium yellow deep			O	I	PY35	255	170	0	81.5	25.7	104.6	255	186	27	84.9	18.1	85.0
6000423	Permanent yellow deep			SO	I	PY65	255	141	0	75.0	39.7	96.3	255	186	106	84.6	20.8	56.2
6000508	Cobalt yellow			T	II	PY40	217	153	0	70.0	12.6	84.5	248	215	107	88.7	-1.3	56.8
6000518	Green gold			ST	I	PY129	96	84	30	36.6	-3.7	33.0	210	187	98	77.5	-4.4	48.4
6000546	Cadmium orange			O	I	PO20	250	102	0	64.8	54.4	90.0	255	137	81	73.1	43.9	55.8
6000587	Cadmium red light			O	I	PR108	224	68	26	55.0	63.6	61.3	237	110	94	64.2	51.9	37.4
6000607	Cadmium red medium			O	I	PR108	184	29	25	42.8	66.2	48.4	207	105	110	58.2	48.0	19.1
6000665	Quinacridone red			T	I	PV19	150	30	35	35.1	54.4	33.8	201	80	125	53.0	58.5	4.9
6000687	Permanent crimson			T	I	PR177	101	0	15	20.9	49.5	26.4	186	80	110	50.0	54.1	7.7
6000728	Cobalt violet light			T	-	PV49	114	41	116	30.5	46.0	-25.1	227	199	222	82.9	16.2	-7.4
6000748	Cobalt violet deep			ST	I	PV14	90	63	101	30.8	20.5	-15.3	161	155	198	64.8	13.1	-20.5
6000787	Cobalt teal			O	I	PG50	0	168	165	59.0	-43.4	-16.2	123	212	212	78.1	-28.3	-11.9
6000848	Cerulean blue (genuine)			O	I	PB35	0	97	140	33.4	-14.0	-39.2	134	194	218	73.6	-12.8	-20.8
6000887	Cobalt turquoise bluish			O	I	PB36	0	89	117	31.5	-12.1	-28.6	0	158	190	56.9	-21.2	-31.9
6000927	Cobalt blue			SO	I	PB28	20	81	140	30.4	8.9	-42.8	80	164	216	61.5	-6.4	-38.7
6000942	Ultramarine blue			T	I	PB29	29	37	93	15.1	17.7	-37.2	79	143	216	55.3	3.2	-47.5
6000985	Indanthrone blue			ST	I	PB60	65	64	71	27.0	2.1	-3.8	86	144	195	55.7	-5.4	-34.4
6001004	Phthalo blue			T	I	PB15:3	39	39	77	16.0	13.0	-25.4	56	154	204	57.0	-9.5	-39.4
6001223	Chromium oxide			O	I	PG17	94	118	88	47.3	-17.9	14.4	109	132	102	52.8	-17.3	14.5
6001245	Viridian			ST	I	PG18	38	75	64	28.0	-15.3	-0.1	138	185	173	70.8	-18.1	-1.4
6001264	Phthalo green-yellowish			T	I	PG36	14	49	43	16.8	-12.9	-2.0	65	184	138	66.2	-46.8	9.3
6001284	Phthalo green			T	I	PG7	10	45	43	14.7	-9.2	-5.7	0	155	128	54.3	-49.0	-3.1
6001402	Mars red light			O	I	PR101	124	51	30	32.9	33.0	31.4	161	86	76	46.9	32.6	23.0
6001501	Raw sienna			SO	I	PY43	154	95	37	47.8	18.7	44.1	212	162	113	71.8	12.2	34.5
6001521	Burnt sienna			SO	I	PR102	102	45	24	27.2	26.2	27.5	173	116	98	55.5	22.5	21.0
6001621	Raw umber			SO	I	PBr7	53	48	39	20.0	0.5	6.6	99	93	81	39.9	0.4	7.7
6001661	Burnt umber			SO	I	PBr7	59	49	44	21.4	4.1	5.5	138	116	99	51.1	6.6	13.2
6001702	Graphite grey			O	I	PBk10	83	81	80	34.5	0.7	0.8	144	154	162	62.7	-2.6	-5.5
6001721	Ivory black			SO	I	PBk9	46	47	47	18.9	0.0	-0.4	104	110	115	45.6	-1.5	-3.9
6001863	Irridescent pearl white			SO	-	TiO2/mica	236	230	217	91.6	0.5	7.1						
																		
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Number	Name	full colour	50% colour	Opacity	Lightfastness	Pigments	Full R	G	B	L*	a*	b*	Half R	G	B	L*	a*	b*	
6000181	Unbleached titanium			O	I	PW6	202	181	151	75.4	3.8	18.0							
6000246	Cadmium lemon			O	I	PY35	251	223	0	90.6	-7.8	88.0	254	237	87	94.4	-9.9	68.4	
6000366	Cadmium yellow medium			O	I	PY35	255	190	0	85.0	12.7	99.7	255	210	66	89.0	2.1	75.5	
6000406	Cadmium yellow deep			O	I	PY35	255	170	0	81.5	25.7	104.6	255	186	27	84.9	18.1	85.0	
6000546	Cadmium orange			O	I	PO20	250	102	0	64.8	54.4	90.0	255	137	81	73.1	43.9	55.8	
6000587	Cadmium red light			O	I	PR108	224	68	26	55.0	63.6	61.3	237	110	94	64.2	51.9	37.4	
6000607	Cadmium red medium			O	I	PR108	184	29	25	42.8	66.2	48.4	207	105	110	58.2	48.0	19.1	
6000848	Cerulean blue (genuine)			O	I	PB35	0	97	140	33.4	-14.0	-39.2	134	194	218	73.6	-12.8	-20.8	
6000787	Cobalt teal			O	I	PG50	0	168	165	59.0	-43.4	-16.2	123	212	212	78.1	-28.3	-11.9	
6000887	Cobalt turquoise bluish			O	I	PB36	0	89	117	31.5	-12.1	-28.6	0	158	190	56.9	-21.2	-31.9	
6001223	Chromium oxide			O	I	PG17	94	118	88	47.3	-17.9	14.4	109	132	102	52.8	-17.3	14.5	
6001402	Mars red light			O	I	PR101	124	51	30	32.9	33.0	31.4	161	86	76	46.9	32.6	23.0	
6001702	Graphite grey			O	I	PBk10	83	81	80	34.5	0.7	0.8	144	154	162	62.7	-2.6	-5.5	
6000101	Titanium white			O	I	PW6	247	246	235	96.7	-0.9	4.9							
6000423	Permanent yellow deep			SO	I	PY65	255	141	0	75.0	39.7	96.3	255	186	106	84.6	20.8	56.2	
6000927	Cobalt blue			SO	I	PB28	20	81	140	30.4	8.9	-42.8	80	164	216	61.5	-6.4	-38.7	
6000040	French yellow ochre deep			SO	I	PY43	165	108	60	52.4	17.9	38.4	236	195	154	82.7	8.9	27.8	
6001501	Raw sienna			SO	I	PY43	154	95	37	47.8	18.7	44.1	212	162	113	71.8	12.2	34.5	
6001521	Burnt sienna			SO	I	PR102	102	45	24	27.2	26.2	27.5	173	116	98	55.5	22.5	21.0	
6001621	Raw umber			SO	I	PBr7	53	48	39	20.0	0.5	6.6	99	93	81	39.9	0.4	7.7	
6001661	Burnt umber			SO	I	PBr7	59	49	44	21.4	4.1	5.5	138	116	99	51.1	6.6	13.2	
6001721	Ivory black			SO	I	PBk9	46	47	47	18.9	0.0	-0.4	104	110	115	45.6	-1.5	-3.9	
6001863	Iridescent pearl white			SO	-	TiO2/mica	236	230	217	91.6	0.5	7.1							
6000748	Cobalt violet deep			ST	I	PV14	90	63	101	30.8	20.5	-15.3	161	155	198	64.8	13.1	-20.5	
6000985	Indanthrone blue			ST	I	PB60	65	64	71	27.0	2.1	-3.8	86	144	195	55.7	-5.4	-34.4	
6001245	Viridian			ST	I	PG18	38	75	64	28.0	-15.3	-0.1	138	185	173	70.8	-18.1	-1.4	
6000518	Green gold			ST	I	PY129	96	84	30	36.6	-3.7	33.0	210	187	98	77.5	-4.4	48.4	
6000508	Cobalt yellow			T	II	PY40	217	153	0	70.0	12.6	84.5	248	215	107	88.7	-1.3	56.8	
6000665	Quinacridone red			T	I	PV19	150	30	35	35.1	54.4	33.8	201	80	125	53.0	58.5	4.9	
6000687	Permanent crimson			T	I	PR177	101	0	15	20.9	49.5	26.4	186	80	110	50.0	54.1	7.7	
6000728	Cobalt violet light			T	-	PV49	114	41	116	30.5	46.0	-25.1	227	199	222	82.9	16.2	-7.4	
6000942	Ultramarine blue			T	I	PB29	29	37	93	15.1	17.7	-37.2	79	143	216	55.3	3.2	-47.5	
6001004	Phthalo blue			T	I	PB15:3	39	39	77	16.0	13.0	-25.4	56	154	204	57.0	-9.5	-39.4	
6001264	Phthalo green-yellowish			T	I	PG36	14	49	43	16.8	-12.9	-2.0	65	184	138	66.2	-46.8	9.3	
6001284	Phthalo green			T	I	PG7	10	45	43	14.7	-9.2	-5.7	0	155	128	54.3	-49.0	-3.1	
6000052	French terre verte			T	I	PG23	52	92	73	35.2	-20.1	4.5	218	233	226	90.8	-6.5	1.0	
																			
	Colours scanned and pasted in from patch samples. Colour values measured using ColorMunki®.																		
	Note that all colour values are approximate.																		
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