

**Table 1. Pure unmixed single-hue Procion MX type (dichlorotriazine) dyes**

*NOTE: if a Procion MX dye color name does not appear in the table below, it is probably incorrect; either it is listed under a different MX code below, or it is a premixed color, not a true single-hue dye, and is listed on one of the tables of Procion dye mixtures that have MX codes. See "Which Procion MX colors are pure, and which mixtures?", at <http://www.pburch.net/dyeing/FAQ/pureMXcolors.shtml>. Color swatches are approximate at best and are intended only to give a vague idea of the color.*

CODE	Colour Index reactive dye name	Dharma's name	PROchem's name	Custom's name	G&S Dye's name	George Weil's name	Standard's name	Kraft colour	Aljo Mfg. Co.'s name	Jacquard Products	Patchwork Shop.de	notes
<b>yellow MX-8G</b>	yellow 86	#1 lemon yellow	#108 sun yellow	#104 yellow MX-8G	208 bright yellow	-	yellow MX-8G	Yellow MX8G	#3 lemon yellow	004 lemon yellow	Zitronengelb	pure; good yellow primary for mixing colors
<b>yellow MX-4G</b>	yellow 22	-	#114 lemon yellow	-	214 yellow	M01 lemon yellow	yellow MX-4G	Yellow MX4G	#10 pure yellow	-	-	pure
<b>yellow MX-GR</b>	yellow 7	#3 golden yellow	#112 tangerine yellow	-	-	-	yellow MX-GR	-	-	-	-	being replaced by mixtures?
<b>yellow MX-RA</b>	yellow 44	--	-	-	-	-	-	Yellow MXRA	-	-	-	pure
<b>yellow MX-3R</b>	orange 86	#4 deep yellow	-	#107 yellow MX-3R	-	M02 golden yellow	-	Yellow MX3R	-	-	Gelborange	pure; same dye molecule as yellow MX-3RA
<b>yellow MX-3RA</b>	orange 86	-	#104 golden yellow	-	204 golden yellow	-	yellow MX-3RA	-	-	010 bright golden yellow	-	pure; denser than 3R
<b>orange MX-G</b>	orange 1	-	-	-	-	-	orange MX-G	-	-	-	-	pure, clear orange
<b>orange MX-2R</b>	orange 4	#6 deep orange	#202 strong orange	#201 orange MX-2R	302 orange	M04 brilliant orange	yellow MX-2R	Orange MX2R	#1 orange	020 brilliant orange	Orange	pure, slightly reddish orange; great for mixing with magenta for a true red

<b>brown MX-GRN</b>	brown 23	-	(#515 burnt orange)	-	(615 brown)	(M03 rust orange)	-	-	(016 rust orange)	(Terrakottabraun)	apparently replaced by mixtures. dull brownish orange good for mixing dark shades	
<b>brown MX-5BR</b>	brown 10	--	-	-	-	-	-	Brown MX5BR	(formerly brown rose)	-	pure from Kraftkolour; elsewhere mixture often substituted	
<b>scarlet MX-G</b>	red 8	-	-	-	-	-	-	-	-	-	no retail source known	
<b>red MX-G</b>	red 5	-	-	-	-	M05 orange scarlet	reactive red #5	(mix)	-	-	pure; not worth the expense; mixes often carry the same MX code	
<b>rubine MX-B</b>	red 6	-	-	-	-	-	-	-	cerise	-	pure; sold by Grateful Dyes as their #14 Cherry or inquire at Aljo Mfg.	
<b>red MX-5B</b>	red 2	#12 light red	#305 mixing red	#310 red MX-5B	405 hot pink	M07 brilliant pink	red MX-5B	Red MX5B	034 magenta	Magenta	pure; good magenta for use as primary color	
<b>red MX-8B</b>	red 11	#13 fuchsia red	#308 fuchsia	#304 red MX-8B	408 fuchsia	M08 vibrant magenta	red MX-8B	Red MX8B	#4 rose red	040 fuchsia	Pinkrot	pure; good magenta for use as primary color
<b>magenta MX-B</b>	reactive violet #13	-	boysenberry or violet MX-BR	-	-	-	-	Magenta MXB	-	-	-	pure; Colour Index name is only my best guess so far
<b>violet MX-2R</b>	reactive violet #14	#117 grape	grape 801 or violet MX-GN	violet MX-G?	415 Raspberry	-	violet 14 or violet MX-G	Violet MXRA	231 violet	-	-	pure; note that the name violet MX-G is incorrect though widely used! Custom Colours Violet MX-G is Standard's Permabril Violet C-G, not certain it is reactive violet 14
<b>blue MX-7RX</b>	blue #161	-	-	-	-	cobalt blue (no code)	-	-	no more	-	Blauviolett	pure; lovely but not lightfast. In the US, inquire at Aljo Mfg.
<b>blue MX-R</b>	blue 4	#26 sky blue	#400 basic blue	#416 blue MX-2R	500 royal blue	M22 royal blue	blue MX-R	Blue MXR	#12 ultra-blue	072 medium blue	-	pure, slightly reddish, somewhat dull blue. Note difference in Custom Colours' MX code

<b>blue MX-2R</b>	blue 84	-	-	-	-	-	-	-	Deep Blue MX2R	-	-	-	formazan chromophore
<b>blue MX-G</b>	blue 163	cerulean blue	#406 intense blue	#406 Blue MX-G	506 Cerulean Blue	M50 cerulean blue	blue MX-G	Blue MXG	#27 peacock blue	070 cerulean blue	Primärblau	pure, good mixing primary, slightly greenish blue	
<b>navy MX-3R</b>	blue 9	-	-	#405 navy MX-4G	-	-	blue #9 (green shade) or navy MX-G	Navy MX3R	-	-	-	pure, slightly greenish dark navy; note difference in Custom Colours' MX code	
<b>blue MX-2G</b>	blue 109	#22 cobalt blue	#402c mixing blue	#415 blue MX-2G	502 slate blue	M21 indigo navy	-	Blue MX2G	#6986 navy	076 cobalt blue 150%	-	pure, greenish dark navy; greener than cobalt blue glass	
<b>blue MX-4GD</b>	blue #168	-	#414 deep navy	-	-	-	-	Blue MX4GD	Aljo carries it	-	Dunkelblau (kalt)	pure, greenish navy	
<b>blue MX-3G</b>	blue 1	-	-	-	-	-	-	-	turquoise #2	-	-	pure; hard to find	
<b>turquoise MX-G</b>	blue 140	#25 turquoise	#410 turquoise	#407 Turquoise MX-G	510 turquoise	M20 brilliant turquoise	turquoise MX-G	Turquoise MXG	#20 brilliant turquoise	068 turquoise	Türkisblau	pure; the best equivalent to cyan as a primary	

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