

*Paula Burditt*  
**All About Hand Dyeing**

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

with links in the MX code names to some chemical structures. See [Sources](#) for contact information for the companies listed. Listed in approximate color wheel order. 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	PROchem	G&S Dye	George Weil	Standard Dye's	Kraft colour	Aljo Mfg. Co.'s	Jacquard Products	Quilt & Art	notes
<a href="#">yellow MX-8G</a>	yellow 86	#1 lemon yellow	#108 sun yellow	208 bright yellow	-	yellow MX-8G	Yellow MX8G	#3 lemon yellow	004 lemon yellow	Zitronengelb	pure; good yellow primary for mixing colors
<a href="#">yellow MX-6G</a>	yellow 1	-	-	-	-	-	-	-	-	-	pure; sold as <a href="#">Ostazinová žlut S-6G</a>
<a href="#">yellow MX-4G</a>	yellow 22	-	#114 lemon yellow	214 yellow	M01 lemon yellow	yellow MX-4G	Yellow MX4G	#10 pure yellow	-	-	pure
<a href="#">yellow MX-GR</a>	yellow 7	#3 golden yellow	#112 tangerine yellow	-	-	yellow MX-GR	-	-	-	-	being replaced by mixtures?
<a href="#">yellow MX-RA</a>	yellow 44	--	-	-	-	-	Yellow MXRA	-	-	-	pure
<a href="#">yellow MX-3R</a>	orange 86	#4 deep yellow	-	-	M02 golden yellow	-	Yellow MX3R	-	-	Gelborange	pure; same dye molecule as yellow MX-3RA
<a href="#">yellow MX-3RA</a>	orange 86	-	#104 golden yellow	204 golden yellow	-	yellow MX-3RA	-	-	010 bright golden yellow	-	pure; denser than 3R

<b><u>orange MX-G</u></b>	orange 1	-	-	-	-	orange MX-G	-	-	-	-		pure, clear orange
<b><u>orange MX-2R</u></b>	orange 4	#6 deep orange	#202 strong orange	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><u>brown MX-GRN</u></b>	brown 23	-	#515 burnt orange	615 brown	M03 rust orange	-	-		016 rust orange	Terrakottabraun		pure; dull brownish orange good for mixing dark shades
<b><u>brown MX-5BR</u></b>	brown 10	--	-	-	-	-	Brown MX5BR		(formerly brown rose)	-		pure from Kraftkolour; elsewhere mixture often substituted
<b><u>red MX-G</u></b>	red 5	-	-	-	M05 orange scarlet	reactive red #5	(mix)		-			pure; not worth the expense; mixes often carry the same MX code
<b><u>rubine MX-B</u></b>	red 6	-	-	-	-	-	-	cerise	-	-		pure; sold by Grateful Dyes as their #14 Cherry or inquire at Aljo Mfg.
<b><u>red MX-5B</u></b>	red 2	#12 light red	#305 mixing red	405 hot pink	M07 brilliant pink	red MX-5B	Red MX5B		034 magenta	Magenta		pure; good magenta for use as primary color
<b><u>red MX-8B</u></b>	red 11	#13 fuchsia	#308 fuchsia	408 fuchsia	M08 vibrant	red MX-8B	Red MX8B	#4 rose red	040 fuchsia	Pinkrot		pure; good magenta for use as

			red				magenta					primary color
<b>magenta MX-B</b>	reactive violet #13	-		boysenberry or violet MX-BR	-	-	-	Magenta MXB	-	-	-	pure; ProChem's C.I. identity is only my best guess so far
<b>violet MX-2R</b>	reactive violet #14	#117 grape		grape 801 or violet MX-GN	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!
<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	500 royal blue	M22 royal blue	blue MX-R	Blue MXR	#12 ultra-blue	072 medium blue			pure, slightly reddish, somewhat dull blue
<b>blue MX-2R</b>	blue 84	-	-	-	-	-	Deep Blue MX2R					formazan chromophore (I haven't seen this one yet)
<b>blue F-GFN</b>	blue #204	-	(formerly FGF Sabracron Intense Blue)	-	-	-	Blue MXGRA	#1997 bright blue	232 bright blue			not Procion MX! Cibacron F (no longer in production?)
<b>blue MX-G</b>	blue 163	cerulean blue	#406 intense blue	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	-	-	-	-	blue #9 (green shade) or navy MX-G	Navy MX3R	-	-	-	pure, slightly greenish dark navy
<b>blue MX-2G</b>	blue 109	#22 cobalt blue	#402c mixing blue	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><u>turquoise MX-G</u></b>	blue 140	#25 turquoise	#410 turquoise	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

from <http://www.pburch.net/dyeing/FAQ/pureMXcolors.shtml>

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