

Which Procion MX colors are pure, and which mixtures?

The ones without MX codes are mixed by the supplier. The ones that have MX codes may be either pure colors, or mixtures prepared by the manufacturer. Be sure that your dye source tells you the MX codes for those of the Procion MX dyes they sell that have them. (Several suppliers include this info in their printed catalogs, but not their on-line catalogs - be sure to request a printed catalog!)

Many more dichlorotriazine dyes exist in the Procion line, but not all are under commercial productions. It seems that there are also a number that are manufactured currently, but which do not happen to be supplied to any of the distributors that supply dyes in small enough quantities for a single individual to use.

printing

This is a wide table! Please use a **small** font size and use **landscape**, not portrait, mode, to print.

available Procion MX type (dichlorotriazine) dyes with MX codes

with links in the MX code names to some chemical structures. Bold face indicates a color proven by my tests to be unmixed. See [Sources](#) for contact information for the companies listed. Listed in approximate color wheel order.

CODE	Colour Index reactive dye #	Dharma's name	PROchem's name	G&S Dye's name	George Weil's name	Standard Dye Co.'s name	Aljo Mfg. Co.'s name	Rupert, Gibbon, & Spider	Quilt & Art	notes
yellow MX-8G	yellow 86	#1 lemon yellow	#108 sun yellow	208 bright yellow	-	yellow MX-8G	#3 lemon yellow	004 lemon yellow	Zitronengelb	pure
yellow MX-4G	yellow 22	-	#114 lemonyellow	214 yellow	M01 lemon yellow	yellow MX-4G	#10 pure yellow	-	-	pure
yellow MX-GR	yellow 7	#3 golden yellow	#112 tangerine yellow	-	-	yellow MX-GR	-	-	-	pure
yellow MX-3R	orange 86	#4 deep yellow	-	-	M02 golden yellow	-	-	-	Gelborange	pure
yellow MX-3RA	orange 86	-	#104 goldenyellow	204 golden yellow	-	yellow MX-3RA	-	010 bright golden yellow	-	pure; denser than 3R
orange MX-2R	orange 4	#6 deeporange	#202 strong orange	302 orange	M04 brilliant orange	yellow MX-2R	#1 orange	020 brilliant orange	Orange	pure
orange MX-G	orange 1	-	-	-	-	orange MX-G	-	-	-	pure
brown MX-GRN	brown 23	-	#515 burnt orange	615 brown	M03 rust orange	-	-	016 rust orange	Terrakottabraun	pure
red MX-G	red 5	-	-	-	M05 orange scarlet	reactive red #5	-	-	-	pure
redMX-5B	red 2	#12 light red	#305 mixing red	405 hot pink	M07 brilliant pink	red MX-5B	-	034 magenta	Magenta	pure
red MX-8B	red 11	#13 fuchsia red	#308 fuchsia	-	408 fuchsia	M08 vibrant magenta	red MX-8B	#4 rose red	040 fuchsia	Pinkrot pure
rubine MX-B	red 6	-	-	-	-	-	cerise	?	-	pure
violet MX-2R	reactive violet #14	#117 grape	no	-	-	violet 14 or violet MX-G	-	yes (name?)	-	pure

blue MX-7RX	blue #161	-	-	-	cobalt blue (no code)	-	no more	-	Blauviolett	pure	
blue MX-R	blue 4	#26 sky blue	#400 basic blue	500 royal blue	M22 royal blue	blue MX-R	#12 ultra-blue	072 medium blue		pure	
blue FN-G	blue #204	-	FGF Sabracron Intense Blue	-	-	-	#1997 bright blue	-		not Procion MX! Cibacron F	
blue MX-G	blue 163	cerulean blue	#406 intense blue	-	-	M50 cerulean blue	blue MX-G	#27 peacock blue	070 cerulean blue	Primärblau	pure
navy MX-G	blue 9	-	-	-	-	blue #9 (green shade)	-	-		pure	
blue MX-2G	blue 109	#22 cobalt blue	#402c mixing blue	502 slate blue	M21 indigo navy	-	#6986 navy	076 cobalt blue 150		pure; greener than a cobalt	
blue MX-4GD	blue #168	-	#414 deep navy	-	-	-	Aljo carries it	-	Dunkelblau (kalt)	not yet sure	
blue MX-3G	blue 1	-	-	-	-	-	-	turquoise #2	-	pure; soon to be discontinued	
turquoise MX-G	blue 140	#25 turquoise	#410 turquoise	510 turquoise	M20 brilliant turquoise	turquoise MX-G	#20 brilliant turquoise	068 turquoise	Türkisblau	pure	

mixtures of dichlorotriazine dyes

CODE	Colour Index reactive dye #	Dharma's name	PROchem's name	Earth Guild's name	G&S Dye's name	George Weil's name	Standard Dye Co.'s name	Aljo	Rupert, Gibbon, & Spider	Quilt & Art	notes
brown MX-5BR	formerly brown 10	#36 maroon brown	#505 reddish brown	605 red brown	M29 red brown	brown MX-5BR		126 brown rose		discontinued by manufacturer, replaced by mixtures	
red MX-BRA	-	#9 scarlet	-	-	400 scarlet	-	Scarlet MX-BRA		030 fire engine red		mixture
red MX-3G	?	-	-	-	-	M06 scarlet	-	-	-		mixture
red MX-GBA	-	#10a chinese red	#312 strongest red	warm red	412 red	-	Red MX-GBA				mixture
red MX-6BDA	brown 40	-	former #316 burgundy	-	-	replaced by mix 416 burgundy	-	-	-		discontinued
violet MX-DP	-	-	-	-	-	-	violet MX-DP		-		mixture
blue MX-3G	formerly blue 1	-	-	-	-	M26 brilliant blue	-	-	-		mix replaced blue #1
navy MX-KB	-	-	-	-	-	-	navy MX-KB		-		mixture
navy MX-3R	-	-	-	-	-	-	blue #9 (red shade)		-		mixture
blue MX-4RD	-	#24 navy blue	-	-	replaced by equivalent mix 512 navy	-	-			marineblau	mixture
green MX-	formerly					M23					mix

3G	green 6					green		green# 6
green MX-CG	?	-	-	-	-	-	green MX-CG	mixture
green MX-EG	?	-	-	-	-	-	green MX-EG	mixture
green MX-G	?	-	-	-	-	M25 brilliant emerald	-	mixture
olive MX-G	?	-	-	-	-	M28 olive	-	mixture
(green?) MX-CBA	-	-	-	forest green	replaced by equivalent mix 800 dark green	-	-	086 forest green mixture
brown MX-3G	?	-	-	-	-	M27 dark brown		mixture
black MX-CWNA	-	#300 new black	#608 black	-	replaced by equivalent mix 708N black	-	-	128 warm black mixture
black MX-CWA	-	-	-	black	702 cotton black	-	-	Schwarz 602A mixture
black MX-K	?	-	-	-	-	M30 black	-	mixture
black MX-TDN	?	-	-	-	-	-	black MX-TDN	mixture

See also [Are there any Procion MX dyes that are not available to home dyers?](#) and [What other brand names are Procion MX type dyes sold under?](#)

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