



**WINSOR
&
NEWTON**

Designers
GOUACHE™

345 A S1 I Lemon Yellow	086 A S4 II Cadmium Lemon	527 A S1 I Primary Yellow	118 A S4 I Cadmium Yellow Pale	627 A S1 II Spectrum Yellow	055 A S3 I Brilliant Yellow	108 A S4 I Cadmium Yellow	508 A S1 I Permanent Yellow Deep	111 A S4 I Cadmium Yellow Deep	384 A S1 I Marigold Yellow	089 A S4 I Cadmium Orange	453 A S1 I Orange Lake Light	452 A S1 II Orange Lake Deep	106 A S4 I Cadmium Scarlet	249 A S1 I Flame Red
094 A S4 I Cadmium Red	726 A S3 I Winsor Red	623 A S1 II Spectrum Red	004 B S1 IV Alizarin Crimson	466 A S3 I Permanent Alizarin Crimson	502 A S3 I Permanent Rose	524 B S1 I Primary Red	440 C S2 I Opera Pink	028 C S2 I Bengal Rose	448 C S2 I Opera Rose	593 C S2 I Rose Tyrien	380 C S2 I Magenta	550 A S3 II Quinacridone Magenta	050 B S1 I Brilliant Red Violet	062 B S1 I Brilliant Violet
360 B S2 V Light Purple	455 B S2 V Brilliant Purple	733 A S3 II Winsor Violet (Dioxazine)	625 B S1 V Spectrum Violet	660 A S1 I Ultramarine	667 A S1 II Ultramarine (Green Shade)	178 AA S4 I Cobalt Blue	706 A S3 I Winsor Blue	538 A S1 I Prussian Blue	322 A S1 I Indigo	621 A S1 I Sky Blue	327 A S2 II Intense Blue	523 A S1 II Primary Blue	137 AA S4 I Cerulean Blue	514 A S1 I Phthalo Blue
656 A S2 I Turquoise Blue	191 AA S4 I Cobalt Turquoise Light	211 A S2 II Cyprus Green	692 AA S3 V Viridian	720 A S3 I Winsor Green	482 A S2 I Permanent Green Deep	484 A S2 I Permanent Green Middle	046 A S1 I Brilliant Green	459 A S2 I Oxide of Chromium	483 B S2 I Permanent Green Light	447 A S2 I Olive Green	599 A S2 I Sap Green	369 A S2 I Linden Green	422 AA S1 I Naples Yellow	425 AA S1 I Naples Yellow Deep
744 AA S1 I Yellow Ochre	552 AA S1 II Raw Sienna	285 A S1 II Gold Ochre	074 AA S1 I Burnt Sienna	257 A S1 I Flesh Tint	678 A S1 II Venetian Red	507 A S3 I Perylene Maroon	564 A S1 I Red Ochre	470 A S3 I Perylene Violet	554 AA S1 I Raw Umber	676 AA S1 I Vandyke Brown	609 AA S1 I Sepia	076 AA S1 I Burnt Umber	505 A S3 I Perylene Black	331 AA S1 I Ivory Black
337 AA S1 I Lamp Black	335 A S1 I Jet Black	436 A S1 I Neutral Gray 3	617 A S3 I Silver	283 A S3 I Gold	512 A S1 I Permanent White	748 A S1 I Zinc White								

Key to Coding		ASTM	
AA	Extremely Permanent	I	Permanent for artists' use
A	Permanent	II	Permanent for artists' use
B	Moderately Durable		
C	Fugitive		
S	Series number	III, IV & V	have a lower lightfastness rating and are provided for brilliance of colour
□	Transparent		
◻	Semi-Transparent		
■	Opaque		
◼	Semi-Opaque		
		Where no ASTM rating is listed, please refer to the Winsor & Newton permanence rating	

This colour chart is produced within the limitations of lithographic colour printing and is intended as a guide only.