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## COLORS: TRANSPARENT, TRANSLUCENT \& OPAQUE

## transparent colors

alizarin crimson hue permanent
dioxazine purple
prism violet
quinacridone blue violet
indanthrene blue
iridescent white
napthol crimson
napthol red light
quinacridone crimson
quinacridone magenta
quinacridone burnt orange
quinacridone red
quinacridone red-orange
phthalo green (blue shade)
phthalo green (yellow shade)
phthalo blue (green shade)
phthalo blue (red shade)
transparent burnt sienna
transparent burnt umber
transparent mixing white (zinc white)
transparent raw sienna
transparent raw umber
vivid red orange
yellow light hansa
yellow medium azo
yellow orange azo

## opaque colors

bright aqua green
brilliant blue
bronze yellow
burnt sienna
burnt umber
cadmium orange
cadmium red medium cadmium red medium hue cadmium red deep hue

## opaque colors (continued)

cadmium yellow deep hue cadmium yellow light cadmium yellow light hue cadmium yellow medium cerulean blue cerulean blue hue chromium oxide green cobalt blue cobalt blue hue cobalt teal cobalt turquoise emerald green green deep permanent ivory black light blue permanent light blue violet light green permanent mars black medium magenta naples yellow hue neutral gray parchment Payne's gray pyrrole crimson
pyrrole red
raw sienna
raw umber
red oxide
titanium white
ultramarine blue (red shade)
unbleached titanium
viridian hue permanent
vivid lime green
yellow oxide

## translucent colors

brilliant yellow green - 0
cadmium orange hue - 0
cadmium red light hue - $\mathbf{0}$
cadmium yellow medium hue - $\mathbf{o}$
deep magenta
green gold*
Hooker's green deep hue permanent - o Hooker's green hue permanent - o Indian Yellow - 0
iridescent bright gold iridescent bright silver Prussian blue hue*
pyrrole orange - o
sap green permanent
transparent viridian hue*
Turner's yellow
ultramarine blue (green shade)

* transparent enough to use for glazing


## Which colors to use?

In each hue family, there are transparent, opaque and translucent versions of each color. For example, in the red family there are opaques such as cadmium red or pyrrole red and tranparents such as alizarin crimson or quinacridone red and translucent reds such as cadmium red light hue or deep magenta.

Transparent colors allow light to shine through their pigment particles making them perfect for layering and glazing techniques.

You will find when mixing two or more opaque color or when mixing a transparent and an opaque that the colors tend to dull, muddy or lose some of their brilliance and intensity of hue. Therefore, avoid mixing colors with too many opaques if you want to obtain rich, saturated color.

Transparent colors on the other hand can be mixed together to make rich, dark hues that give a feeling of depth.

Lean towards transparent or transparent colors when mixing shadows. For example, if you want to use blue in your shadow, start with ultramarine or phthalo blue rather than cerulean.

Instead of using pure black, try mixing two dark complementaries such as viridian hue or phthalo green with alizarin or quinacridone crimson to create a black. Mix with white for a neutral grey.

Use transparent colors for glazing. Light shines through layers of paint and bounces off the back of the surface and back out again creating a luminous look.

