

TIFFEN®

Color-Grad®

AND SOLID COLOR FILTERS

	CRANBERRY	TANGERINE	STRAW	TOBACCO	CHOCOLATE	PLUM	GRAPE	TROPIC BLUE	SUNSET	COMBINATION
DENSITY 3										
DENSITY 2										
DENSITY 1										
	DENSITY 1/8	DENSITY 1/4	DENSITY 1/2	DENSITY 1	DENSITY 2	DENSITY 3	DENSITY 4	DENSITY 5	SKYFIRE	TWILIGHT
CORAL										
	MAGENTA	PINK	RED	YELLOW	GREEN	CYAN	COOL BLUE	BLUE		
DENSITY 5										
DENSITY 4										
DENSITY 3										
DENSITY 2										
DENSITY 1										

THE EDGE Neutral Density Filter Samples



ND3 HARD EDGE



ND6 SOFT EDGE



ND9 ATTENUATED
(SPECIAL ORDER)

Tiffen Solid Color Filter Swatches are shown above. Other densities may be available.
Tiffen Color-Grad Filters are available in half clear and half color as per color swatches shown above.
The Sunset, Skyfire, Twilight and Combination colors are shown as Grads to better understand how the filter looks.

Note: Due to variations in printing, these color swatches may not be a true representation. They should be used as an aid in filter selection to approximate color & density.

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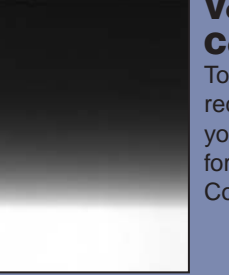
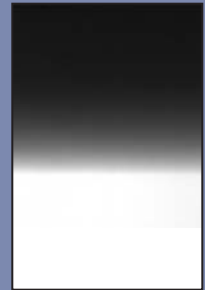


AND SOLID COLOR FILTERS

Tiffen Color-Grad filters are one of the most widely used category of filters in the industry today. They enable the image-maker to create an illusion or enhance reality. Some of the most popular applications are:

- *Adding color excitement to a drab sky*
- *Changing the specific color in a scene to create a desired special effect*
- *Enhancing the existing color or creating subtle color drama*
- *Creating more balanced exposure in uneven lighting situations*

Tiffen Color-Grads are supplied in a wide range of sizes and colors and are made in either **soft**, **hard**, or as a special order, **attenuated** gradients.

When it comes to rectangular-shaped filters, such as the 4x5.650 (Panavision size), the terms **vertical** and **horizontal** are important. For the accurate way to order, see the chart below.

<p>The horizontal or vertical designation refers to the position of the filter in relationship to the camera when the grad line is horizontal.</p>		<p>Horizontal Color-Grad To order this rectangular filter, you would ask for a Horizontal Color-Grad.</p>		<p>Vertical Color-Grad To order this rectangular filter, you would ask for a Vertical Color-Grad.</p>	
	<p>Hard Edge This illustration shows a vertical Color-Grad with a hard edge. Depending on the size of the filter, the transition area is approximately 1/4" to 1/2" wide before reaching full density.</p>		<p>Soft Edge This illustration shows a vertical Color-Grad with a soft edge. Depending on the size of the filter, the transition area is between 1/2" to 2" wide before reaching full density.</p>		<p>Attenuator This illustration shows an attenuated vertical Color-Grad. The transition area takes place throughout the whole filter, starting clear and reaching its maximum density at the opposite end.</p>

Hard Edge - Soft Edge

In addition to subject matter and its surroundings, the type of lens you use will help to determine whether to use a Tiffen Color-Grad with a "hard" edge or "soft" edge.

Telephoto lenses make use of a small portion of the filter. Therefore, we recommend a **hard edge** for long lenses because a soft edge would get lost in the image.

Wide angle lenses make objects smaller. Therefore, we recommend a **soft edge** for short focal lengths because a hard edge gradient would look like a hard straight line. Soft edges and attenuators are for subtle blending with irregular-shaped subjects or unusual lighting.

Custom Made To Suit Your Needs
Sometimes, an unusual requirement demands a special-order Color-Grad. We can provide custom specifications in color, gradient and configuration. Describe a color, or send us a sample - we can match it. Custom densities and gradients are routinely produced for unique situations at an additional cost.

