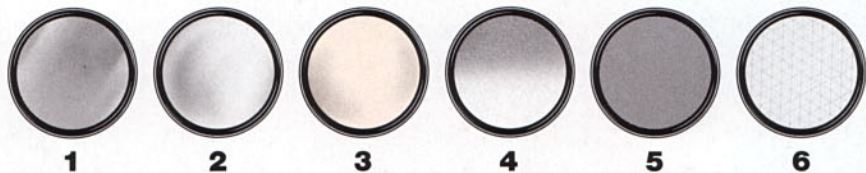


B+W Digital Imaging Filters

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1 B+W Polarization Filter

B+W polarizers are neutral-gray in color and plane parallel polarizer material guarantee optimal image results.

More details on page 17.

2 B+W Close-Up Lenses, Macro-Lenses

The B+W close-up lenses are high-quality optical magnifying lenses which shorten the close-focusing distance of the camera lens. It allows the lens to get closer to the subject to achieve a larger image scale.

More details on page 23.

3 B+W Infrared Blocking Filter 486

This UV/IR-cut interference filter completely blocks the often unwanted UV and IR wavelengths. It is especially recommended for CCD applications where digital imaging sensors have not been fitted with an IR protection filter. Further applications: video films, digital and conventional b/w or color photography as well as technical applications. For warm-tone type with KR 1.5 substrate glass order no. 486-W.

More details on page 21.

4 B+W Graduated Gray Filter

Partial differences in brightness which are too dramatic can exceed the dynamic range of the CCD sensor and, just as with film, result in uneven exposure. With graduated gray filters (value: one or two stops), differences in brightness can be reduced with no effect at all on color.

More details on page 39.

5 B+W Neutral Density Gray Filter

ND filters effect the entire visible spectrum evenly and allow light reduction without influencing color rendition or contrast. Neutral density filters come in handy when you need to increase the aperture more than the light situation and camera capabilities permit.

More details on page 15.

6 B+W Star Screen, Multiple Prisms

For use when trying to introduce unusual and interesting special effects.

More details on pages 29–35.

Available types and diameters on pages 47–49.

In many instances, digital photography requires the use of high quality optical filters. The general principle applies here too: image data which are lost when the picture is taken cannot be restored with image processing software later on. B+W Digital Imaging Filters significantly improve picture quality.

Polarized light reflecting off of water, wood, grass, plastics and lacquer may be controlled or eliminated with the use of a B+W Polarizer. When using a polarizer you will notice deeper and richer greens and bluer skies.

Enlarging the area with image processing software always leads to a considerable loss of image quality. The B+W close-up lenses are high-quality optical magnifying lenses which shorten the close-focusing distance of the imaging lens. It allows the lens to be placed closer to the subject than normal to achieve a larger image scale. The fascinating spectrum of digital macro-photography can be fully realized with B+W Close-Up Lenses and Macro Lenses.

With B+W Neutral Density filters and ND Graduated filters, extreme differences of brightness in the subject can be adjusted to the illumination range of the CCD sensor of the digital camera.

B+W Digital Imaging Filters and accessories for digital photography are available in a wide range of sizes for digital cameras.