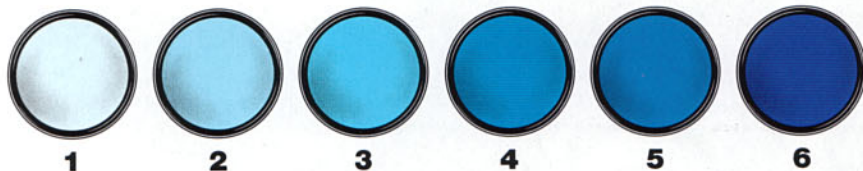


B+W KB Filters for Color Film



1 B+W KB 1.5 (82 A)

This light blue filter absorbs the excess yellow-red light from daylight in the morning and evening hours. It creates cooler colors and corrects for the warming tendency of some color films. It can also be used as a color balancing filter. Filter factor is approx. 1.1.

2 B+W KB 3 (82 C)

Red tones, which are in the middle color temperature range, are eliminated with the KB 3. This filter corrects the frequent tendency toward reddish tones when using 500 Watt flood lights with tungsten film. The KB 3 is also necessary when using older nitrate photo lamps. Filter factor is approx. 1.2.

3 B+W KB 6 (80 D)

This middle blue filter reduces the strong red tendency of morning and evening light. This filter is used for the optical reduction of extreme yellow, orange and red elements of scenes. Filter factor is approx. 1.5.

4 B+W KB 12 (80 B)

This dark blue filter acts as a color conversion filter by converting artificial light of color temperature 3400 degrees K to daylight color film. Without it, strong yellow-orange color tones would occur. Filter factor is approx. 2.

5 B+W KB 15 (80 A)

This filter makes possible the use of daylight film in artificial light with a color temperature of about 3000 degrees K without the color overtones. Filter factor is approx. 2.2.

6 B+W KB 20

Depending on the percentage of red, conventional household bulbs require extreme color temperature conversion whenever daylight color film is being used indoors. Filter factor is approx. 2.7.

Illumination with a high percentage of red, as in light from a photoflood lamp, leads to a complete distortion of the original composition when used with daylight color film. Despite the handicaps of inadvertently selecting the wrong film and inappropriate lighting, color conversion filters, such as the blue-violet KB 20, make more natural looking results possible.

Refer to diagram on page 5 to find out which filters are necessary.

The specifications in brackets indicate the comparable KODAK Wratten filters.

See pages 47 – 49 for available types and sizes.

Filter-type	Color temperature corrected from → to
KB 1.5	3000 K → 3200 K
KB 3	2800 K → 3200 K
KB 6	4100 K → 5500 K
KB 12	3400 K → 5500 K
KB 15	3200 K → 5500 K
KB 20	2600 K → 5500 K