

Bayern grid filter:

- Bayer Grid/Filter is an important development to capture the color of the light.
- In a camera, not every sensor captures all the three components (RGB) of light. Inspired by human visual preceptors, Bayer proposed a grid in which there are 50% green, 25 % red, and 25% blue sensors.

- As shown above, the combinations of red, green, and blue light will cause us to perceive different colors.
- For example, a combination of red and green light will appear to be yellow, while blue and green light will appear to be cyan.
- Red and blue light will appear magenta, and a combination of all three will appear to be white.



