



## Advance and Applications of RGB Sensors

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### Message from the Guest Editor

Dear Colleagues,

A single-chip color image sensor, typically an RGB sensor, is an essential component of sensing system and computer vision applications. The key to using the single-chip sensor is an associated color imaging process pipeline such as color demosaicking, denoising, color correction, etc.

In this Special Issue, a wide range of topics are covered, including color demosaicking, denoising, color correction, color filter array design, multispectral color filter array, the design of the spectral sensitivity function, and high-dynamic range imaging.

Keywords:

- Color demosaicking
- Color correction
- Denoising
- Multispectral filter array (MSFA)
- Noise analysis method
- Design of spectral sensitivity function
- High-dynamic range imaging





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