Why do some Plants have Other Pigments than Chlorophyll?

Chlorophyll plays a very crucial and vital role for photosynthesis. It absorbs wavelengths of light to drive glucose-generating processes within plants. Aside from chlorophyll, other pigments such as carotenoids and anthocyanins are also produced b[redacted]ents are not so important for photo[redacted] do they serve for plants? In a s[redacted] the amount of carotenoids in fo[redacted]parviflora, P. major, R. vesicarius and S. erysimoides increased in response to exposure to UV radiation. Furthermore, reduction in the amount of chlorophyll b is less affected by extensive UV exposure than chlorophyll a. It is being hypothesized that an increase in carotenoids and pigments other than chlorophyll could protect plants from UV-induced damage.