

# Converting Colors

Hex(58BA6A)

Have a look what the booklet for  
Hex(58BA6A) contains.

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**Color**

**Hex(58BA6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58BA6A
RGB	88, 186, 106
RGB Percent	35%, 73%, 42%
CMY	0.6549, 0.2706, 0.5843
CMYK	0.53, 0.00, 0.43, 0.27
HSL	131°, 42%, 54%
HSV	131°, 53%, 73%
XYZ	24.1849, 38.2331, 19.7407
YIQ	147.5780, -32.7280, -45.6560

# Conversions

## Conversions Part 2

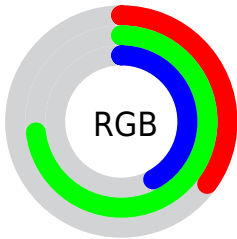
Format	Color
<a href="#">RYB</a>	<a href="#">88, 171, 186</a>
Decimal	<a href="#">5814890</a>
CIELab	<a href="#">68.19, -46.06, 31.96</a>
CIELCh	<a href="#">68, 56.062, 145.240</a>
Yxy	<a href="#">38.2331, 0.2944, 0.4654</a>
Android (android.graphics.Color)	<a href="#">4284004970 (0xFF58BA6A)</a>
YUV	<a href="#">147.5780, -20.4980, -52.2499</a>
Hunter-Lab	<a href="#">61.8329, -38.3903, 24.3542</a>

# Details

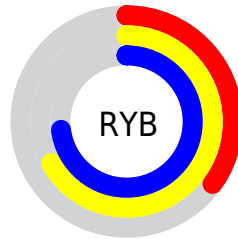
The Hex color **58BA6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA58A8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **90F39E**, and **178439** is the 20% darker color. If you saturate the color by 10%, you get **45BA5B**, and if you desaturate by 10%, it is **6BBA79**.

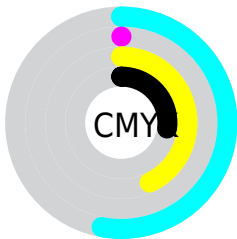
# Distribution



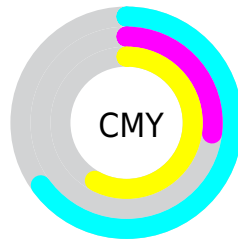
- Red (35%)
- Green (73%)
- Blue (42%)



- Red (35%)
- Yellow (67%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58BA6A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 58BA6A by changing the saturation by 10% instead.



 58BA6A

 58BA6A

FFFFFF

 3B9F51

 90F39E

 178439

 ADFFB8

 006A21

 CAFFD5

 005108

 E7FFF2

 003900

 002300

 000000

 58BA6A

 58BA6A

 45BA5B

 6BBA79

 33BA4C

 7DBA88

 20BA3C

 90BA98

 0EBA2D

 A2BAA7

 00BA22

 B5BAB6

 C8BAC5

 DABAD4

 EDBAE3

 FFBAF3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98B045



58BA6A



00BF9C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58BA6A



00AEFF



FF7D7E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58BA6A



BA58A8

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FE7AB0



58BA6A



9B9CFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58BA6A



00BAF9



DD88E1



EF8E54

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58BA6A



00BFBF



DD88E1



FF7A8E

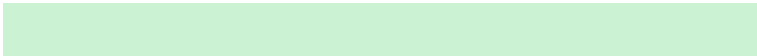


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58BA6A



CBF2D3



A8BA58



637A67



FAFAFA



7A7A7A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58BA6A



5AF276



58BA9B



535C54



009C1D



001C05



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BA58A8



F25AD6



BA5877



5C535A



9C007F



1C0017



# Previews

## White Background



This preview shows how the Hex color 58BA6A looks on a white background.

## Color Contrast Check

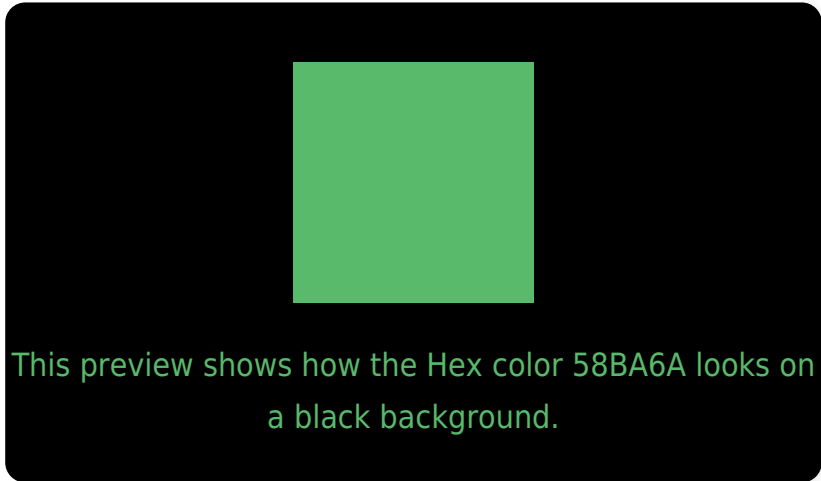
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

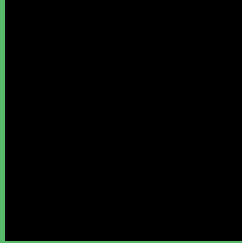
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58BA6A Background



This preview shows how black text looks on a background with the Hex color 58BA6A.

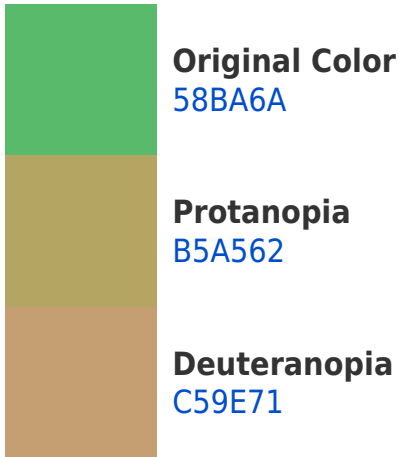


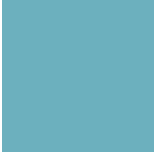
This preview shows how white text looks on a background with the Hex color 58BA6A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

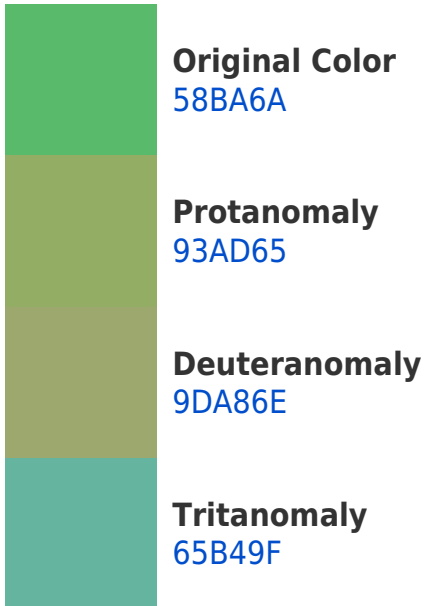
## Dichromacy



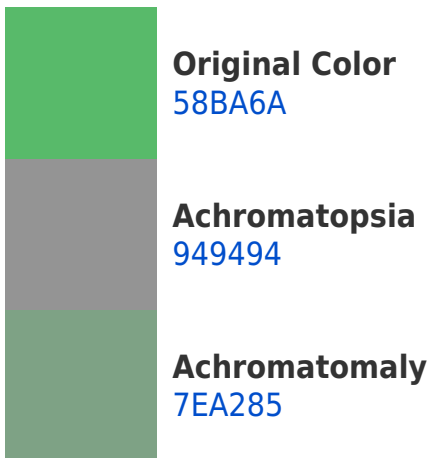


**Tritanopia**  
6CB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58BA6A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #58BA6A looks like.

```
.text, #text, p{  
    color:#58BA6A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #58BA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58BA6A
}
```

## Border

The CSS property to change the border of an element to Hex 58BA6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58BA6A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#58BA6A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #58BA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58BA6A; -webkit-box-shadow:4px 4px  
4px 4px #58BA6A; box-shadow:4px 4px 4px  
4px #58BA6A }
```

# Background

The CSS property to change the background color of an element to Hex 58BA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58BA6A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#58BA6A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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