

# Converting Colors

Hex(58B370)

Have a look what the booklet for  
Hex(58B370) contains.

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**Color**

**Hex(58B370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58B370
RGB	88, 179, 112
RGB Percent	35%, 70%, 44%
CMY	0.6549, 0.2980, 0.5608
CMYK	0.51, 0.00, 0.37, 0.30
HSL	136°, 37%, 52%
HSV	136°, 51%, 70%
XYZ	23.0692, 35.4848, 20.9626
YIQ	144.1530, -32.7290, -40.1290

# Conversions

## Conversions Part 2

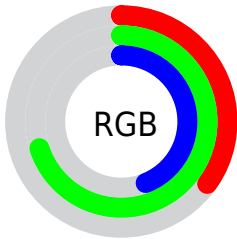
Format	Color
<a href="#">RYB</a>	<a href="#">88, 160, 179</a>
Decimal	<a href="#">5813104</a>
CIELab	<a href="#">66.12, -42.09, 26.11</a>
CIElCh	<a href="#">66, 49.534, 148.191</a>
Yxy	<a href="#">35.4848, 0.2901, 0.4463</a>
Android (android.graphics.Color)	<a href="#">4284003184</a> ( <a href="#">0xFF58B370</a> )
YUV	<a href="#">144.1530, -15.8514, -49.2462</a>
Hunter-Lab	<a href="#">59.5691, -35.1185, 20.8340</a>

# Details

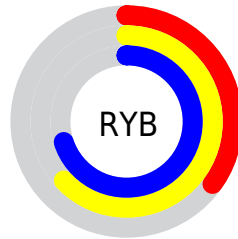
The Hex color **58B370** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B3589B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **90EBA4**, and **1B7D3F** is the 20% darker color. If you saturate the color by 10%, you get **46B363**, and if you desaturate by 10%, it is **6AB37D**.

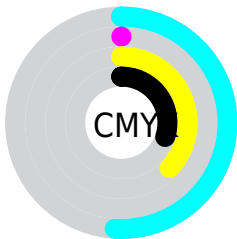
# Distribution



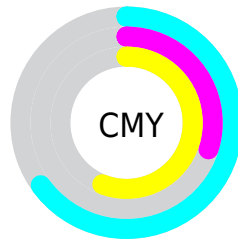
- Red (35%)
- Green (70%)
- Blue (44%)



- Red (35%)
- Yellow (63%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58B370 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 58B370 by changing the saturation by 10% instead.



 58B370

 58B370

FFFFFF

 3C9857

 90EBA4

 1B7D3F

 ACFFC0

 006428

 C8FFDC

 004B12

 E5FFF8

 003300

 001E00

 000000

 58B370

 58B370

 46B363

 6AB37D

 34B356

 7CB38A

 22B348

 8EB398

 10B33B

 A0B3A5

 00B32F

 B2B3B2

 C3B3BF

 D5B3CC

 E7B3D9

 F9B3E7

# Harmonies

## Analogous

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



90AB4F



58B370



00B79C

# Triad

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



58B370



45A6F9



F27F79

# Complementary

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



58B370



B3589B

# 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.



F07BA5



58B370



9F96EF

# Square

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



58B370



00B1EB



D585D0



DF8D56

# Rectangle

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



58B370



00B7BB



D585D0



F47C87



# Sweetspot

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



58B370



C5E8CE



9CB358



607566



F5F5F5



757575



# Same Dimension

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



58B370



5AE880



58B39C



505953



009928



001A07



# Inverse Universe

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



B3589B



E85AC3



B3586F



595057



990071



1A0013



# Previews

## White Background



This preview shows how the Hex color 58B370 looks on a white background.

## Color Contrast Check

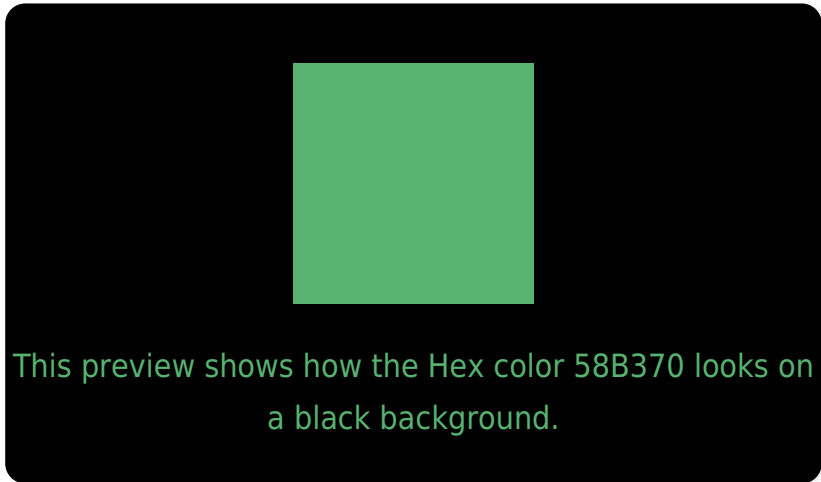
Large Text (above 18pt) WCAG AA × Fail

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

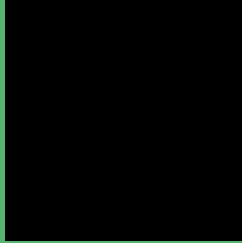
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58B370 Background



This preview shows how black text looks on a background with the Hex color 58B370.

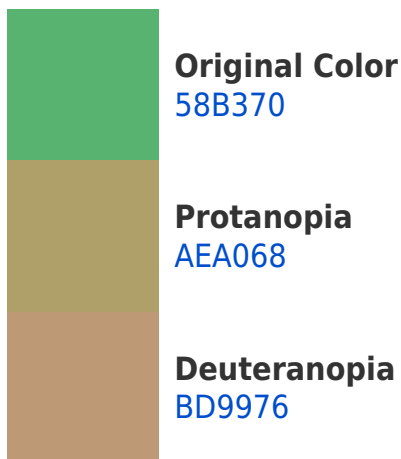


This preview shows how white text looks on a background with the Hex color 58B370.

# 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**  
6AAAB8

# Trichromacy



**Original Color**  
58B370



**Protanomaly**  
8FA76B



**Deuteranomaly**  
98A274



**Tritanomaly**  
63AD9E

# Monochromacy



**Original Color**  
58B370



**Achromatopsia**  
909090



**Achromatomaly**  
7C9D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58B370 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 #58B370 looks like.

```
.text, #text, p{  
    color:#58B370  
}
```

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 #58B370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B370
}
```

## Border

The CSS property to change the border of an element to Hex 58B370 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
#58B370 }
```

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

```
.border{ border-color:#58B370 }
```

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

Here you see how a box with a 4 pixel #58B370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B370; -webkit-box-shadow:4px 4px  
4px 4px #58B370; box-shadow:4px 4px 4px  
4px #58B370 }
```

# Background

The CSS property to change the background color of an element to Hex 58B370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B370 }
```

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

```
.background{ background-color:#58B370 }
```

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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