

# Converting Colors

Hex(58AF5A)

Have a look what the booklet for  
Hex(58AF5A) contains.

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**Color**

**Hex(58AF5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58AF5A
RGB	88, 175, 90
RGB Percent	35%, 69%, 35%
CMY	0.6549, 0.3137, 0.6471
CMYK	0.50, 0.00, 0.49, 0.31
HSL	121°, 35%, 52%
HSV	121°, 50%, 69%
XYZ	21.1999, 33.4728, 15.0164
YIQ	139.2970, -24.5670, -44.8790

# Conversions

## Conversions Part 2

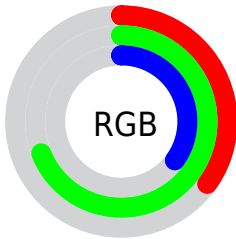
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 173, 175
Decimal	5812058
CIELab	64.54, -43.94, 35.53
CIELCh	65, 56.507, 141.035
Yxy	33.4728, 0.3042, 0.4803
Android (android.graphics.Color)	4284002138 (0xFF58AF5A)
YUV	139.2970, -24.3034, -44.9875
Hunter-Lab	57.8557, -35.8402, 25.1103

# Details

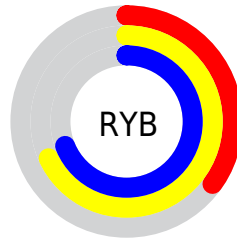
The Hex color **58AF5A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF58AD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8FE78E**, and **1B7A29** is the 20% darker color. If you saturate the color by 10%, you get **46AF49**, and if you desaturate by 10%, it is **6AAF6B**.

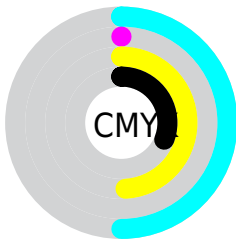
# Distribution



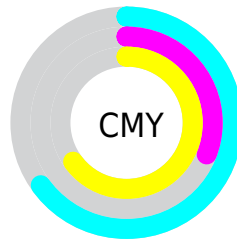
- Red (35%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (68%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58AF5A 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 58AF5A by changing the saturation by 10% instead.



 58AF5A

 58AF5A

FFFFFF

 3C9441

 8FE78E

 1B7A29

 ACFFA8

 006010

 C8FFC4

 004700

 E5FFE0

 003000

FFFFFFD

 001900

 000000

 58AF5A

 58AF5A

 46AF49

 6AAF6B

 35AF38

 7BAF7C

 23AF27

 8CAF8D

 12AF16

 9EAF9E

 00AF05

 B0AFAF

 00AF04

 C1AFC1

 D3AFD2

 E4AFE3

 F6AFF4

# Harmonies

## Analogous

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



95A537



58AF5A



00B48B

# Triad

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



58AF5A



00A7FF



F9717B

# Complementary

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



58AF5A



AF58AD

# 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.



F171AE



58AF5A



8495FB

# Square

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



58AF5A



00B1EA



CB80DD



E8814F

# Rectangle

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



58AF5A



00B5AE



CB80DD



F96F8C



# Sweetspot

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



58AF5A



C1E3C2



AEAF58



5E735F



F2F2F2



737373



# Same Dimension

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



58AF5A



5BE35E



58AF85



4E574E



009603



001701



# Inverse Universe

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



AF58AD



E35BE0



AF5882



574E57



960093



170016



# Previews

## White Background



This preview shows how the Hex color 58AF5A looks on a white background.

## Color Contrast Check

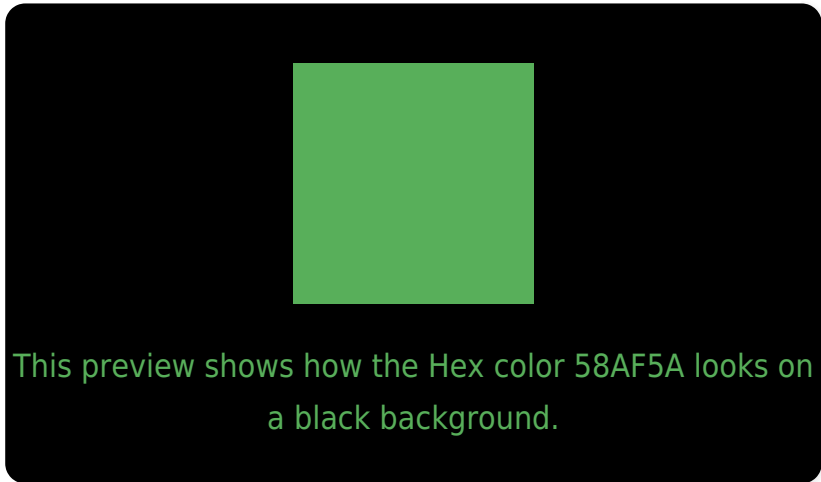
Large Text (above 18pt) WCAG AA × Fail

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 58AF5A Background



This preview shows how black text looks on a background with the Hex color 58AF5A.

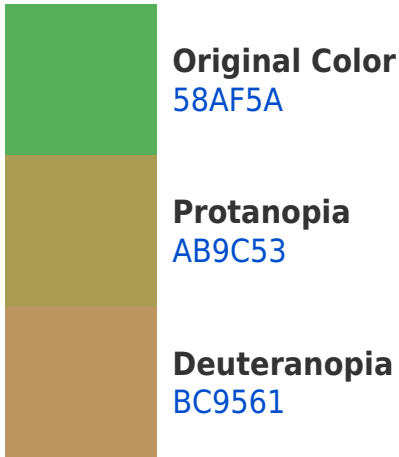


This preview shows how white text looks on a background with the Hex color 58AF5A.

# Color Blindness Simulation

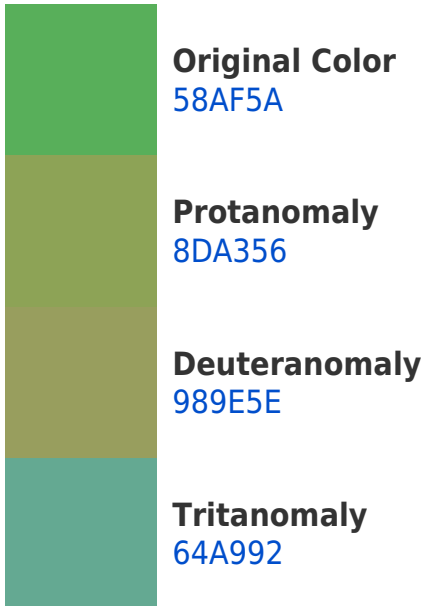
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

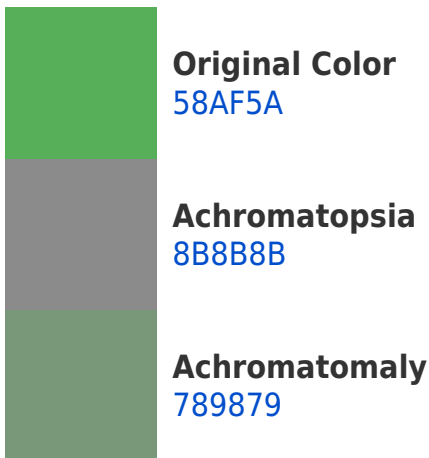




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58AF5A 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 #58AF5A looks like.

```
.text, #text, p{  
    color:#58AF5A  
}
```

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 #58AF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AF5A
}
```

## Border

The CSS property to change the border of an element to Hex 58AF5A 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
#58AF5A }
```

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

```
.border{ border-color:#58AF5A }
```

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

Here you see how a box with a 4 pixel #58AF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AF5A; -webkit-box-shadow:4px 4px  
4px 4px #58AF5A; box-shadow:4px 4px 4px  
4px #58AF5A }
```

# Background

The CSS property to change the background color of an element to Hex 58AF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AF5A }
```

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

```
.background{ background-color:#58AF5A }
```

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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