

# Converting Colors

Hex(5CA758)

Have a look what the booklet for  
Hex(5CA758) contains.

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**Color**

**Hex(5CA758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA758
RGB	92, 167, 88
RGB Percent	36%, 65%, 35%
CMY	0.6392, 0.3451, 0.6549
CMYK	0.45, 0.00, 0.47, 0.35
HSL	117°, 31%, 50%
HSV	117°, 47%, 65%
XYZ	19.9938, 30.6173, 14.0885
YIQ	135.5690, -19.3410, -40.4690

# Conversions

## Conversions Part 2

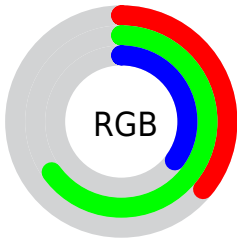
Format	Color
<a href="#">RYB</a>	<a href="#">88, 167, 163</a>
Decimal	<a href="#">6072152</a>
CIELab	<a href="#">62.18, -39.63, 33.64</a>
CIELCh	<a href="#">62, 51.985, 139.674</a>
Yxy	<a href="#">30.6173, 0.3090, 0.4732</a>
Android (android.graphics.Color)	<a href="#">4284262232 (0xFF5CA758)</a>
YUV	<a href="#">135.5690, -23.4515, -38.2100</a>
Hunter-Lab	<a href="#">55.3329, -32.3341, 23.6371</a>

# Details

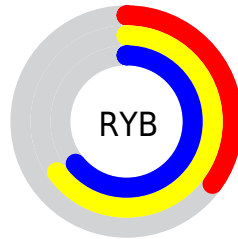
The Hex color **5CA758** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A358A7**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **92DF8B**, and **247228** is the 20% darker color. If you saturate the color by 10%, you get **4CA747**, and if you desaturate by 10%, it is **6CA769**.

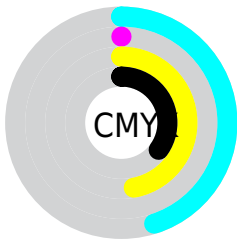
# Distribution



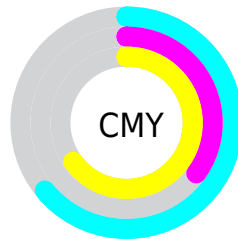
- Red (36%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA758 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 5CA758 by changing the saturation by 10% instead.



 5CA758

 5CA758

FFFFFF

 418C40

 92DF8B

 247228

 AEFCA6

 00590F

 CBFFC2

 004100

 E8FFDE

 002B00

 FFFFFA

 000E00

 000000

 5CA758

 5CA758

 4CA747

 6CA769

 3CA737

 7CA779

 2CA726


 8CA78A

 1DA715

 9BA79B

 0DA705

 ABA7AB

 08A700

 BBA7BC

 CBA7CD

 DBA7DE

 EBA7EE

# Harmonies

## Analogous

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



939D3A



5CA758



00AC84

# Triad

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



5CA758



00A0F1



EC6F7A

# Complementary

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



5CA758



A358A7

# 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.



E36FA8



5CA758



7D91ED

# Square

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



5CA758



00A9DC



BF7ED2



DD7D51

# Rectangle

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



5CA758



00ADA4



BF7ED2



EC6E89



# Sweetspot

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



5CA758



BCD9BA



A7A258



5C6E5B



EDEDED



6E6E6E



# Same Dimension

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



5CA758



63D95D



58A77A



4C544C



079400



011400



# Inverse Universe

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



A358A7



D25DD9



A75885



544C54



8C0094



130014



# Previews

## White Background



This preview shows how the Hex color 5CA758 looks on a white background.

## Color Contrast Check

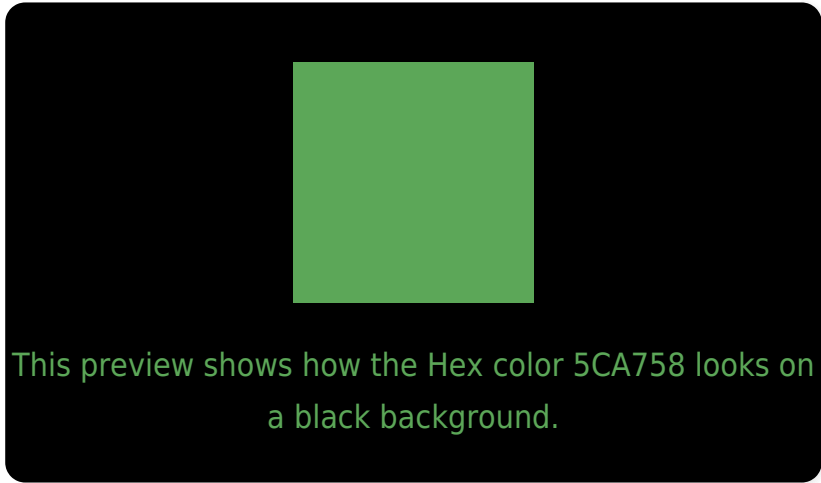
Large Text (above 18pt) WCAG AA × Fail

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

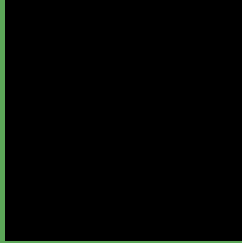
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA758 Background



This preview shows how black text looks on a background with the Hex color 5CA758.

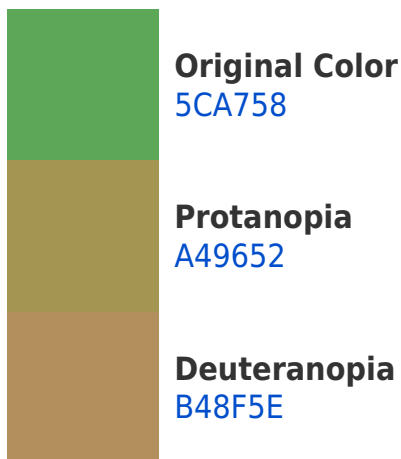


This preview shows how white text looks on a background with the Hex color 5CA758.

# 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](#).

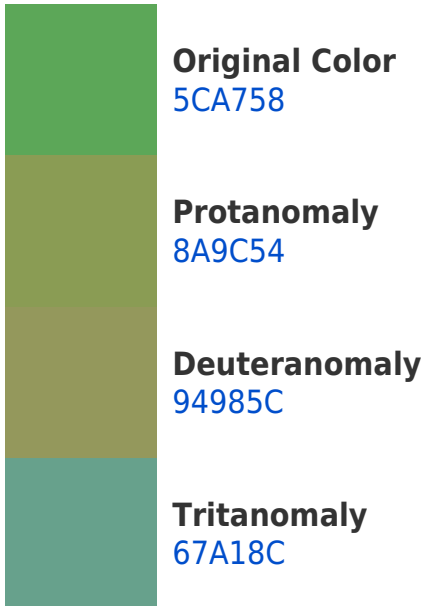
## Dichromacy





**Tritanopia**  
6D9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA758 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 #5CA758 looks like.

```
.text, #text, p{  
    color:#5CA758  
}
```

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 #5CA758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA758
}
```

## Border

The CSS property to change the border of an element to Hex 5CA758 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
#5CA758 }
```

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

```
.border{ border-color:#5CA758 }
```

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

Here you see how a box with a 4 pixel #5CA758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA758; -webkit-box-shadow:4px 4px  
4px 4px #5CA758; box-shadow:4px 4px 4px  
4px #5CA758 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA758 }
```

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

```
.background{ background-color:#5CA758 }
```

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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