

# Converting Colors

Hex(5CBB58)

Have a look what the booklet for  
Hex(5CBB58) contains.

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# **Color**

**Hex(5CBB58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CBB58
RGB	92, 187, 88
RGB Percent	36%, 73%, 35%
CMY	0.6392, 0.2667, 0.6549
CMYK	0.51, 0.00, 0.53, 0.27
HSL	118°, 42%, 54%
HSV	118°, 53%, 73%
XYZ	23.9454, 38.5205, 15.4057
YIQ	147.3090, -24.8410, -50.9290

# Conversions

## Conversions Part 2

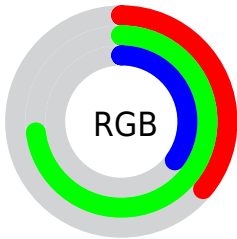
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 187, 183
Decimal	6077272
CIELab	68.40, -48.01, 41.31
CIELCh	68, 63.336, 139.296
Yxy	38.5205, 0.3075, 0.4947
Android (android.graphics.Color)	4284267352 (0xFF5CBB58)
YUV	147.3090, -29.2393, -48.5060
Hunter-Lab	62.0649, -39.7461, 28.7286

# Details

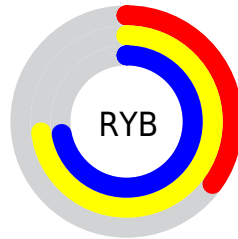
The Hex color **5CBB58** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B758BB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **95F48C**, and **1D8526** is the 20% darker color. If you saturate the color by 10%, you get **4ABB45**, and if you desaturate by 10%, it is **6EBB6B**.

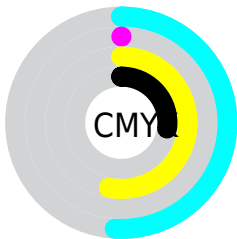
# Distribution



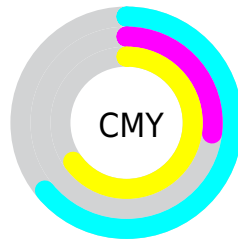
- Red (36%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CBB58 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 5CBB58 by changing the saturation by 10% instead.



 5CBB58

 5CBB58

FFFFFF

 3FA03F

 95F48C

 1D8526

 B1FFA7

 006B08

 CEFFC3

 005200

 ECFFDF

 003900

 FFFFFC

 002400

 000000

 5CBB58

 5CBB58

 4ABB45

 6EBB6B

 38BB33

 80BB7D

 26BB20

 92BB90

 14BB0D

 A4BBA3

 08BB00

 B6BBB5

 C8BBC8

 DABBDB

 ECBBEE

 FEBBFF

# Harmonies

## Analogous

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



A1AF30



5CBB58



00C190

# Triad

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



5CBB58



00B3FF



FF7484

# Complementary

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



5CBB58



B758BB

# 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.



FF74BE



5CBB58



82A0FF

# Square

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



5CBB58



00BEFD



D888F2



FD8651

# Rectangle

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



5CBB58



00C2B8



D888F2



FF7197

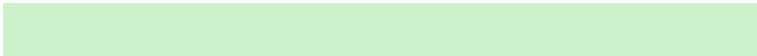


# Sweetspot

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



5CBB58



CDF2CB



BBB658



647A63



FAFAFA



7A7A7A



# Same Dimension

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



5CBB58



5DF257



58BB85



555E55



069E00



011F00



# Inverse Universe

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



B758BB



EC57F2



BB588E



5E555E



98009E



1D001F



# Previews

## White Background



This preview shows how the Hex color 5CBB58 looks on a white background.

## Color Contrast Check

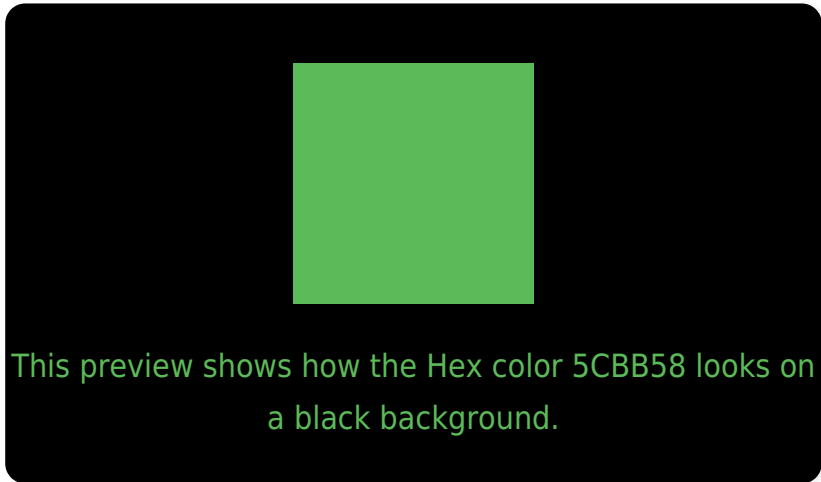
Large Text (above 18pt) WCAG AA × Fail

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 5CBB58 Background



This preview shows how black text looks on a background with the Hex color 5CBB58.

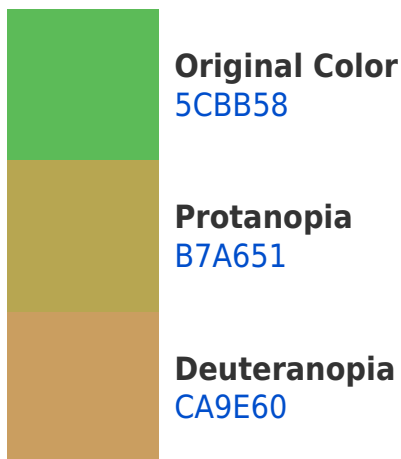


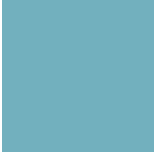
This preview shows how white text looks on a background with the Hex color 5CBB58.

# 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](#).

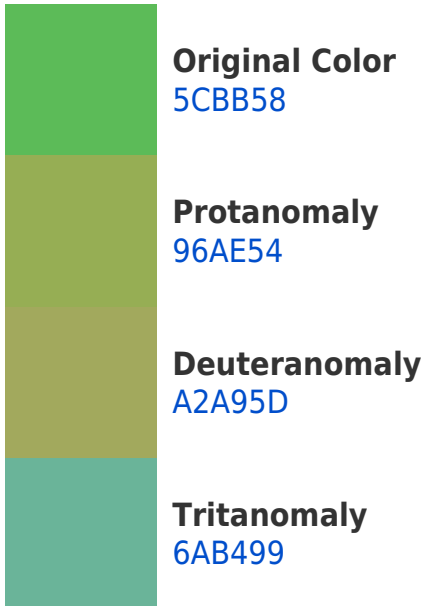
## Dichromacy



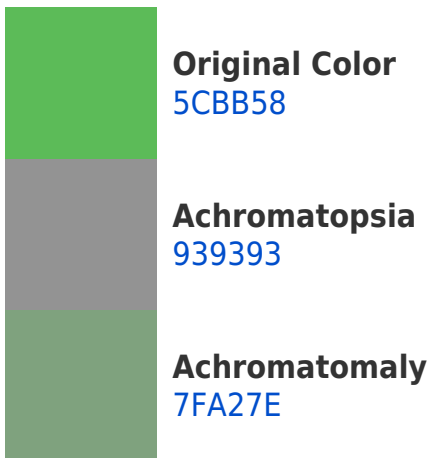


**Tritanopia**  
72B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CBB58 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 #5CBB58 looks like.

```
.text, #text, p{  
    color:#5CBB58  
}
```

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 #5CBB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CBB58
}
```

## Border

The CSS property to change the border of an element to Hex 5CBB58 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
#5CBB58 }
```

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

```
.border{ border-color:#5CBB58 }
```

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

Here you see how a box with a 4 pixel #5CBB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CBB58; -webkit-box-shadow:4px 4px  
4px 4px #5CBB58; box-shadow:4px 4px 4px  
4px #5CBB58 }
```

# Background

The CSS property to change the background color of an element to Hex 5CBB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CBB58 }
```

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

```
.background{ background-color:#5CBB58 }
```

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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