

# Converting Colors

Hex(C5BC67)

Have a look what the booklet for  
Hex(C5BC67) contains.

<b>Hex(C5BC67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C5BC67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BC67
RGB	197, 188, 103
RGB Percent	77%, 74%, 40%
CMY	0.2275, 0.2627, 0.5961
CMYK	0.00, 0.05, 0.48, 0.23
HSL	54°, 45%, 59%
HSV	54°, 48%, 77%
XYZ	43.4574, 48.8160, 19.9640
YIQ	181.0010, 32.6490, -24.5270

# Conversions

## Conversions Part 2

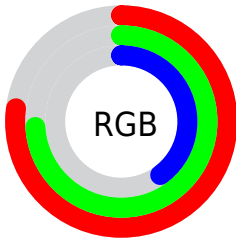
Format	Color
<a href="#">RYB</a>	<a href="#">113, 197, 103</a>
Decimal	<a href="#">12958823</a>
CIELab	<a href="#">75.34, -8.50, 43.86</a>
CIELCh	<a href="#">75, 44.672, 100.969</a>
Yxy	<a href="#">48.8160, 0.3872, 0.4349</a>
Android (android.graphics.Color)	<a href="#">4291148903 (0xFFC5BC67)</a>
YUV	<a href="#">181.0010, -38.4545, 14.0311</a>
Hunter-Lab	<a href="#">69.8685, -11.2449, 31.9666</a>

# Details

The Hex color **C5BC67** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6770C5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF49C**, and **8D8735** is the 20% darker color. If you saturate the color by 10%, you get **C5BA53**, and if you desaturate by 10%, it is **C5BE7B**.

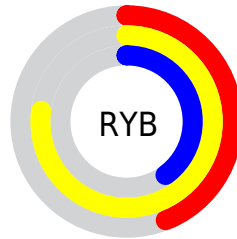
# Distribution



Red (77%)

Green (74%)

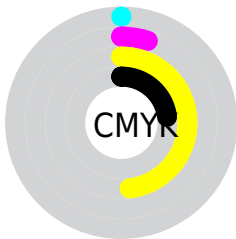
Blue (40%)



Red (44%)

Yellow (77%)

Blue (40%)

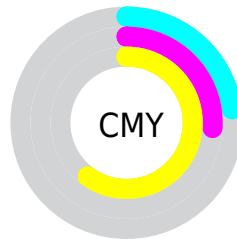


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5BC67 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 C5BC67 by changing the saturation by 10% instead.





C5BC67



C5BC67

FFFFFF



A9A14E



FFF49C



8D8735



FFFFB7



726E1B



FFFFD3



585600



FFFFF0



403E00



262900



081500



000000



C5BC67



C5BC67

 C5BA53

 C5BE7B

 C5B840

 C5C08E

 C5B62C

 C5C2A2

 C5B418

 C5C4B6

 C5B305

 C5C5CA

 C5B200

 C5C7DD

 C5C9F1

 C5CBFF

 C5CDFE

# Harmonies

## Analogous

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



EAAE6C



C5BC67



98C77A

# Triad

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



C5BC67



00CDEE



F99CD5

# Complementary

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



C5BC67



6770C5

# 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.



D1A9F8



C5BC67



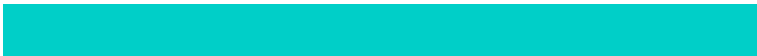
40C5FF

# Square

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



C5BC67



00CFC8



95B9FF



FF99AC

# Rectangle

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



C5BC67



75CC90



95B9FF



EEA0E2



# Sweetspot

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



C5BC67



FFFCDB



C56770



807D6A



000000



808080



# Same Dimension

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



C5BC67



FFF16E



9FC567



63625A



A39400



242000



# Inverse Universe

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



6770C5



6E7CFF



8D67C5



5A5A63



0010A3



000324



# Previews

## White Background



This preview shows how the Hex color C5BC67 looks on a white background.

## Color Contrast Check

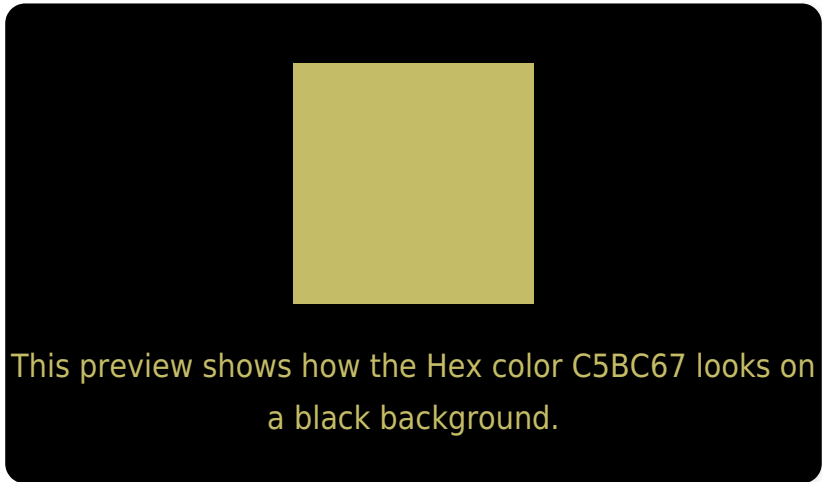
Large Text (above 18pt) WCAG AA × Fail

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

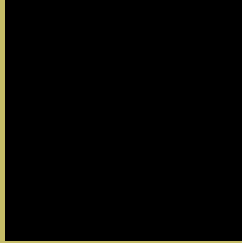
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5BC67 Background



This preview shows how black text looks on a background with the Hex color C5BC67.

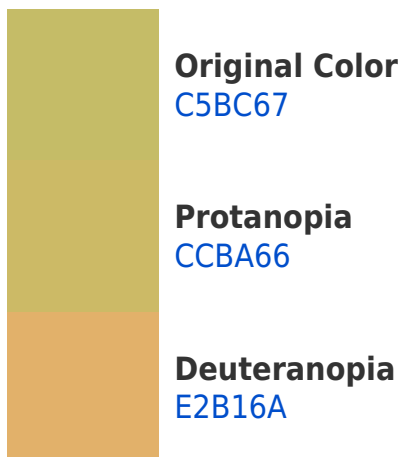


This preview shows how white text looks on a background with the Hex color C5BC67.

# 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 C5BC67 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 #C5BC67 looks like.

```
.text, #text, p{  
    color:#C5BC67  
}
```

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 #C5BC67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BC67
}
```

## Border

The CSS property to change the border of an element to Hex C5BC67 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
#C5BC67 }
```

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

```
.border{ border-color:#C5BC67 }
```

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

Here you see how a box with a 4 pixel #C5BC67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BC67; -webkit-box-shadow:4px 4px  
4px 4px #C5BC67; box-shadow:4px 4px 4px  
4px #C5BC67 }
```

# Background

The CSS property to change the background color of an element to Hex C5BC67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BC67 }
```

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

```
.background{ background-color:#C5BC67 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor