

Converting Colors

Hex(CBBF67)

Have a look what the booklet for
Hex(CBBF67) contains.

Hex(CBBF67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBBF67)

Conversions

Conversions Part 1

Format	Color
Hex	CBBF67
RGB	203, 191, 103
RGB Percent	80%, 75%, 40%
CMY	0.2039, 0.2510, 0.5961
CMYK	0.00, 0.06, 0.49, 0.20
HSL	53°, 49%, 60%
HSV	53°, 49%, 80%
XYZ	45.7076, 50.9374, 20.2548
YIQ	184.5560, 35.4000, -24.8240

Conversions

Conversions Part 2

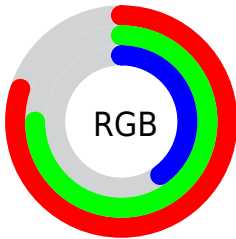
Format	Color
RYB	117, 203, 103
Decimal	13352807
CIELab	76.64, -7.59, 45.56
CIElCh	77, 46.183, 99.453
Yxy	50.9374, 0.3910, 0.4357
Android (android.graphics.Color)	4291542887 (0xFFCBBF67)
YUV	184.5560, -40.2071, 16.1754
Hunter-Lab	71.3704, -10.5820, 33.1329

Details

The Hex color **CBBF67** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6773CB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF79C**, and **938A34** is the 20% darker color. If you saturate the color by 10%, you get **CBBD53**, and if you desaturate by 10%, it is **CBC17B**.

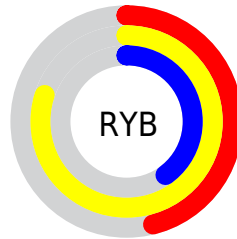
Distribution



Red (80%)

Green (75%)

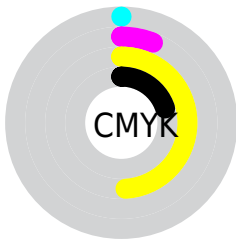
Blue (40%)



Red (46%)

Yellow (80%)

Blue (40%)

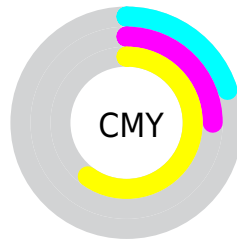


Cyan (0%)

Magenta (6%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBBF67 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 CBBF67 by changing the saturation by 10% instead.



CBBF67



CBBF67

FFFFFF



AFA44D



FFF79C



938A34



FFFF79



78711A



FFFFD3



5D5800



FFFFF0



444100



2B2B00



101700



000000



CBBF67



CBBF67

 CBB53

 CBC17B

 CBBA3E

 CBC490

 CBB82A

 CBC6A4

 CBB516

 CBC9B8

 CBB302

 CBCBCD

 CBB300

 CBCEE1

 CBD0F5

 CBD2FF

 CBD5FF

Harmonies

Analogous

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



F1B06D



CBBF67



9DCA79

Triad

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



CBBF67



00D1F2



FD9FDC

Complementary

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



CBBF67



6773CB

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.



D3ADFF



CBBF67



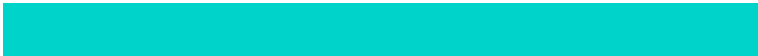
35CAFF

Square

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



CBBF67



00D4CA



93BDFE



FF9BB1

Rectangle

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



CBBF67



79D090



93BDFF



F2A3E9

Sweetspot

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



CBBF67



FFFAD9



CB6774



807D69



000000



808080

Same Dimension

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



CBBF67



FFED69



A6CB67



66655C



A69200



262200

Inverse Universe

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



6773CB



697BFF



8C67CB



5C5D66



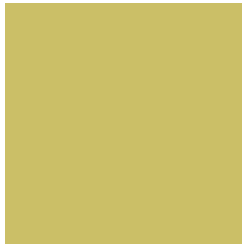
0014A6



000526

Previews

White Background



This preview shows how the Hex color CBBF67 looks on a white background.

Color Contrast Check

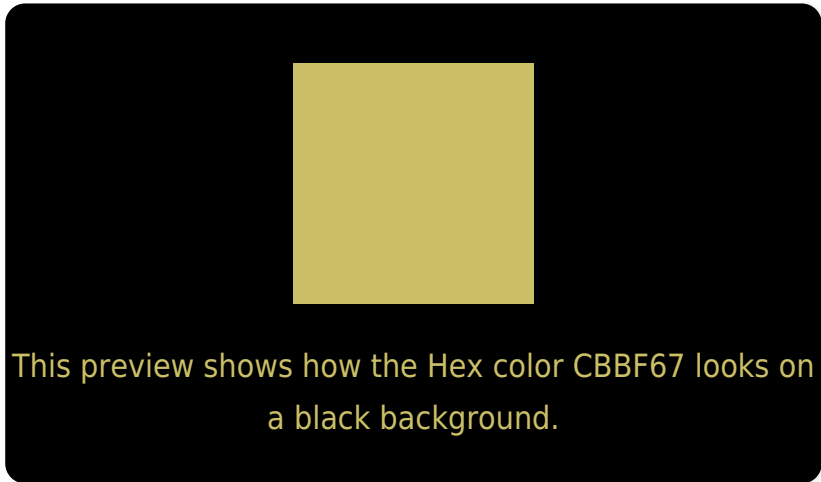
Large Text (above 18pt) WCAG AA × Fail

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

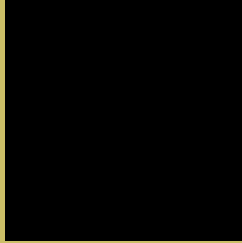
Any Text WCAG AA ✓ Pass

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 CBBF67 Background



This preview shows how black text looks on a background with the Hex color CBBF67.



This preview shows how white text looks on a background with the Hex color CBBF67.

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
D4B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBBF67 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 #CBBF67 looks like.

```
.text, #text, p{  
    color:#CBBF67  
}
```

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 #CBBF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBF67
}
```

Border

The CSS property to change the border of an element to Hex CBBF67 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
#CBBF67 }
```

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

```
.border{ border-color:#CBBF67 }
```

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

Here you see how a box with a 4 pixel #CBBF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBF67; -webkit-box-shadow:4px 4px  
4px 4px #CBBF67; box-shadow:4px 4px 4px  
4px #CBBF67 }
```

Background

The CSS property to change the background color of an element to Hex CBBF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBF67 }
```

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

```
.background{ background-color:#CBBF67 }
```

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