

Converting Colors

Hex(C7BF66)

Have a look what the booklet for
Hex(C7BF66) contains.

Hex(C7BF66)	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(C7BF66)

Conversions

Conversions Part 1

Format	Color
Hex	C7BF66
RGB	199, 191, 102
RGB Percent	78%, 75%, 40%
CMY	0.2196, 0.2510, 0.6000
CMYK	0.00, 0.04, 0.49, 0.22
HSL	55°, 46%, 59%
HSV	55°, 49%, 78%
XYZ	44.5823, 50.3630, 19.9417
YIQ	183.2460, 33.3370, -25.9830

Conversions

Conversions Part 2

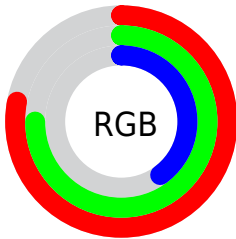
Format	Color
RYB	111, 199, 102
Decimal	13090662
CIELab	76.29, -9.32, 45.54
CIElCh	76, 46.488, 101.565
Yxy	50.3630, 0.3881, 0.4384
Android (android.graphics.Color)	4291280742 (0xFFC7BF66)
YUV	183.2460, -40.0543, 13.8163
Hunter-Lab	70.9669, -12.0563, 33.0164

Details

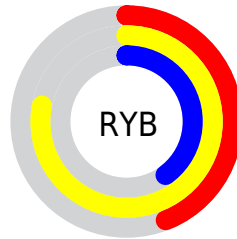
The Hex color **C7BF66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **666EC7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF79B**, and **8F8A33** is the 20% darker color. If you saturate the color by 10%, you get **C7BD52**, and if you desaturate by 10%, it is **C7C17A**.

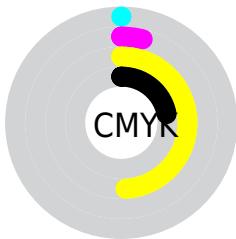
Distribution



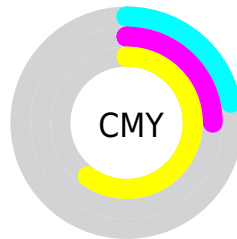
- Red (78%)
- Green (75%)
- Blue (40%)



- Red (44%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (49%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7BF66 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 C7BF66 by changing the saturation by 10% instead.

 C7BF66

 C7BF66

FFFFFF

 ABA44D

 FFF79B

 8F8A33

 FFFFFB6

 747019

 FFFFFD2

 5A5800

 FFFFFEF

 414100

 282B00

 0B1800

 000000

 C7BF66

 C7BF66

 C7BD52

 C7C17A

 C7BC3E

 C7C28E

 C7BA2A

 C7C4A2

 C7B816

 C7C6B6

 C7B703

 C7C7CA

 C7B700

 C7C9DD

 C7CAF1

 C7CCFF

 C7CEFF

Harmonies

Analogous

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



EEB06B



C7BF66



98CA7A

Triad

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



C7BF66



00D0F4



FF9DD8

Complementary

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



C7BF66



666EC7

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.



D6ABFD



C7BF66



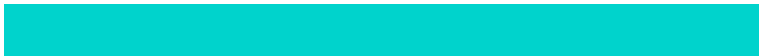
3AC8FF

Square

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



C7BF66



00D3CC



96BBFF



FF9AAD

Rectangle

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



C7BF66



73CF92



96BBFF



F4A1E6

Sweetspot

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



C7BF66



FFCD9



C7666E



807E69



000000



808080

Same Dimension

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



C7BF66



FFF36B



9FC766



63635A



A39600



242100

Inverse Universe

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



666EC7



6B77FF



8E66C7



5A5A63



000DA3



000324

Previews

White Background



This preview shows how the Hex color C7BF66 looks on a white background.

Color Contrast Check

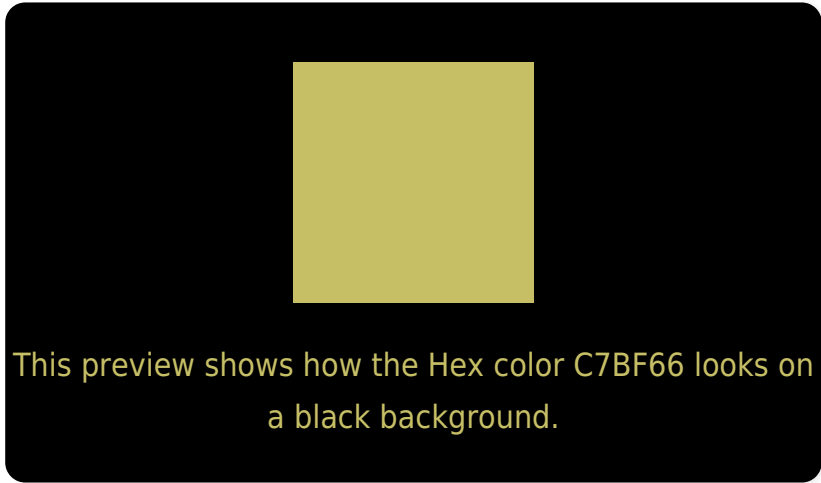
Large Text (above 18pt) WCAG AA × Fail

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 C7BF66 Background



This preview shows how black text looks on a background with the Hex color C7BF66.



This preview shows how white text looks on a background with the Hex color C7BF66.

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



Original Color
C7BF66

Protanopia
CFBC65

Deuteranopia
E6B369



Tritanopia
D1B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7BF66 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 #C7BF66 looks like.

```
.text, #text, p{  
    color:#C7BF66  
}
```

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 #C7BF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7BF66  
}
```

Border

The CSS property to change the border of an element to Hex C7BF66 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  
#C7BF66 }
```

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

```
.border{ border-color:#C7BF66 }
```

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

Here you see how a box with a 4 pixel #C7BF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7BF66; -webkit-box-shadow:4px 4px  
4px 4px #C7BF66; box-shadow:4px 4px 4px  
4px #C7BF66 }
```

Background

The CSS property to change the background color of an element to Hex C7BF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7BF66 }
```

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

```
.background{ background-color:#C7BF66 }
```

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