

Converting Colors

Hex(C7B76C)

Have a look what the booklet for
Hex(C7B76C) contains.

Hex(C7B76C)	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(C7B76C)

Conversions

Conversions Part 1

Format	Color
Hex	C7B76C
RGB	199, 183, 108
RGB Percent	78%, 72%, 42%
CMY	0.2196, 0.2824, 0.5765
CMYK	0.00, 0.08, 0.46, 0.22
HSL	49°, 45%, 60%
HSV	49°, 46%, 78%
XYZ	43.1934, 47.0918, 21.0004
YIQ	179.2340, 33.6110, -19.9330

Conversions

Conversions Part 2

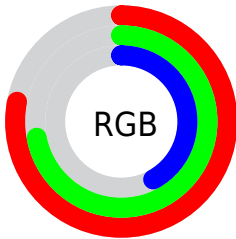
Format	Color
RYB	127, 199, 108
Decimal	13088620
CIELab	74.25, -4.59, 40.05
CIELCh	74, 40.309, 96.539
Yxy	47.0918, 0.3881, 0.4232
Android (android.graphics.Color)	4291278700 (0xFFC7B76C)
YUV	179.2340, -35.1184, 17.3348
Hunter-Lab	68.6235, -7.7384, 29.8922

Details

The Hex color **C7B76C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C7CC7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFEFA1**, and **8F823A** is the 20% darker color. If you saturate the color by 10%, you get **C7B458**, and if you desaturate by 10%, it is **C7BA80**.

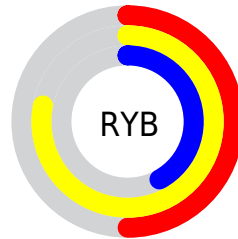
Distribution



Red (78%)

Green (72%)

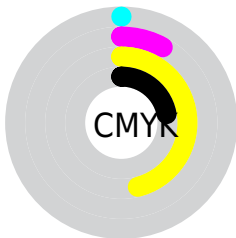
Blue (42%)



Red (50%)

Yellow (78%)

Blue (42%)

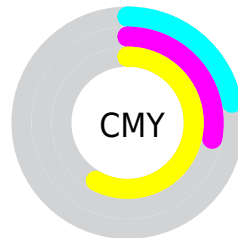


Cyan (0%)

Magenta (8%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7B76C 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 C7B76C by changing the saturation by 10% instead.

 C7B76C

 C7B76C

FFFFFF

 AB9C53

 FFEFA1

 8F823A

 FFFFBC

 746922

 FFFFFD8

 5A5107

 FFFFF5

 423A00

 292500

 0C1100

 000000

 C7B76C

 C7B76C

 C7B458

 C7BA80

 C7B044

 C7BE94

 C7AD30

 C7C1A8

 C7A91C

 C7C5BC

 C7A609

 C7C8D0

 C7A400

 C7CCE3

 C7CFF7

 C7D3FF

 C7D6FF

Harmonies

Analogous

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



E7AA73



C7B76C



9FC17A

Triad

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



C7B76C



02C9E1



EC9ED5

Complementary

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



C7B76C



6C7CC7

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.



C5AAF2



C7B76C



4BC2FA

Square

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



C7B76C



3BCABE



8EB8FF



FE9AB0

Rectangle

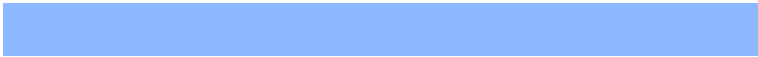
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7B76C



81C68C



8EB8FF



E1A2E0

Sweetspot

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



C7B76C



FFF9DB



C76C7D



807C6A



000000



808080

Same Dimension

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



C7B76C



FFE673



AAC76C



63625A



A38700



241D00

Inverse Universe

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



6C7CC7



738BFF



896CC7



5A5B63



001DA3



000624

Previews

White Background



This preview shows how the Hex color C7B76C 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

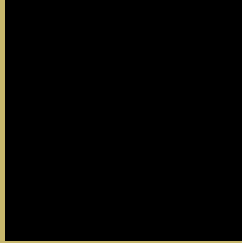
Any Text WCAG AA ✓ Pass

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 C7B76C Background



This preview shows how black text looks on a background with the Hex color C7B76C.

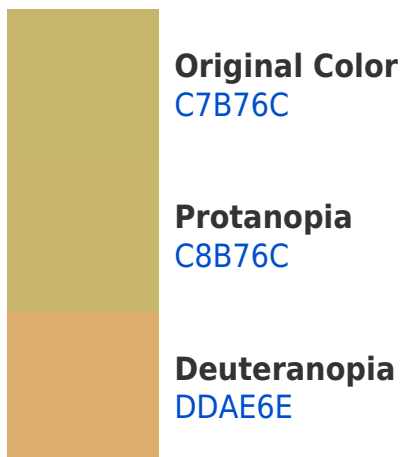


This preview shows how white text looks on a background with the Hex color C7B76C.

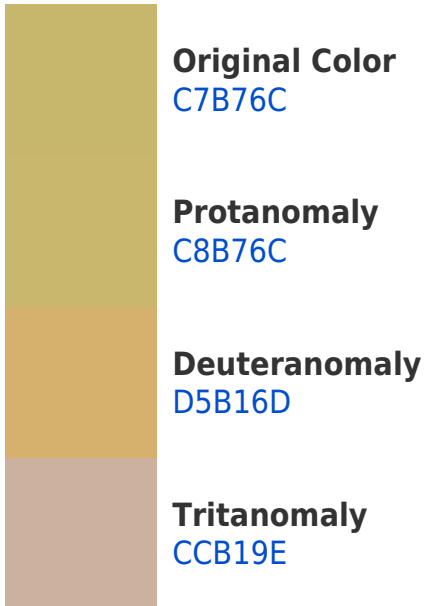
Color Blindness Simulation

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](#).

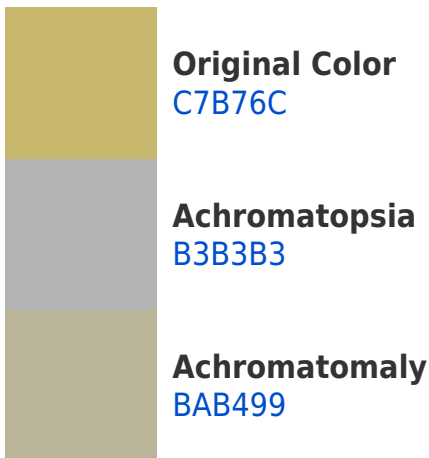
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7B76C 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 #C7B76C looks like.

```
.text, #text, p{  
    color:#C7B76C  
}
```

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 #C7B76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B76C
}
```

Border

The CSS property to change the border of an element to Hex C7B76C 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
#C7B76C }
```

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

```
.border{ border-color:#C7B76C }
```

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

Here you see how a box with a 4 pixel #C7B76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B76C; -webkit-box-shadow:4px 4px  
4px 4px #C7B76C; box-shadow:4px 4px 4px  
4px #C7B76C }
```

Background

The CSS property to change the background color of an element to Hex C7B76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B76C }
```

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

```
.background{ background-color:#C7B76C }
```

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