

# Converting Colors

Hex(C7B46F)

Have a look what the booklet for  
Hex(C7B46F) contains.

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# **Color**

**Hex(C7B46F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B46F
RGB	199, 180, 111
RGB Percent	78%, 71%, 44%
CMY	0.2196, 0.2941, 0.5647
CMYK	0.00, 0.10, 0.44, 0.22
HSL	47°, 44%, 61%
HSV	47°, 44%, 78%
XYZ	42.7437, 45.9323, 21.6519
YIQ	177.8150, 33.4730, -17.4310

# Conversions

## Conversions Part 2

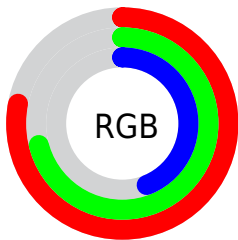
Format	Color
<a href="#">RYB</a>	<a href="#">135, 199, 111</a>
Decimal	<a href="#">13087855</a>
CIELab	<a href="#">73.50, -2.71, 37.58</a>
CIElCh	<a href="#">74, 37.674, 94.125</a>
Yxy	<a href="#">45.9323, 0.3874, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4291277935 (0xFFC7B46F)</a>
YUV	<a href="#">177.8150, -32.9398, 18.5792</a>
Hunter-Lab	<a href="#">67.7734, -6.0261, 28.4997</a>

# Details

The Hex color **C7B46F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **6F82C7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFECA4**, and **8F7F3D** is the 20% darker color. If you saturate the color by 10%, you get **C7B05B**, and if you desaturate by 10%, it is **C7B883**.

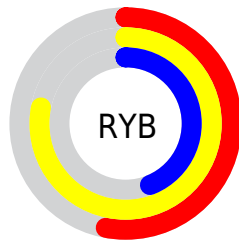
# Distribution



Red (78%)

Green (71%)

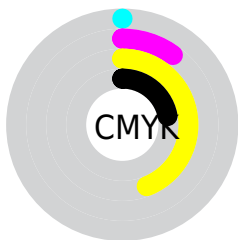
Blue (44%)



Red (53%)

Yellow (78%)

Blue (44%)

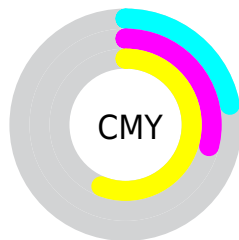


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B46F 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 C7B46F by changing the saturation by 10% instead.





C7B46F



C7B46F

FFFFFF



AB9956



FFECA4



8F7F3D



FFFFBF



756725



FFFFDB



5B4F0C



FFFFF8



423800



292300



0C0E00



000000



C7B46F



C7B46F

 C7B05B

 C7B883

 C7AB47

 C7BD97

 C7A733

 C7C1AB

 C7A31F

 C7C5BF

 C79F0C

 C7C9D3

 C79C00

 C7CEE6

 C7D2FA

 C7D6FF

 C7DBFF

# Harmonies

## Analogous

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



E4A877



C7B46F



A2BE7A

# Triad

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



C7B46F



2DC6DA



E49FD3

# Complementary

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



C7B46F



6F82C7

# 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.



BFAAEE



C7B46F



51C0F2

# Square

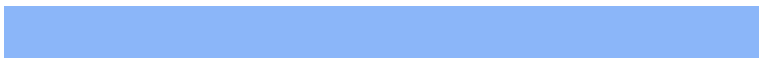
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7B46F



4CC7B8



8BB6F9



F79AB1

# Rectangle

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



C7B46F



87C38B



8BB6F9



DAA2DD

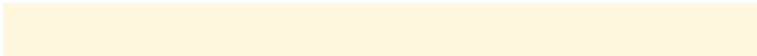


# Sweetspot

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



C7B46F



FFF8DE



C76F82



807B6B



000000



808080



# Same Dimension

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



C7B46F



FFE278



AEC76F



63615A



A38000



241C00



# Inverse Universe

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



6F82C7



7895FF



886FC7



5A5C63



0023A3



000824



# Previews

## White Background



This preview shows how the Hex color C7B46F looks on a white background.

## Color Contrast Check

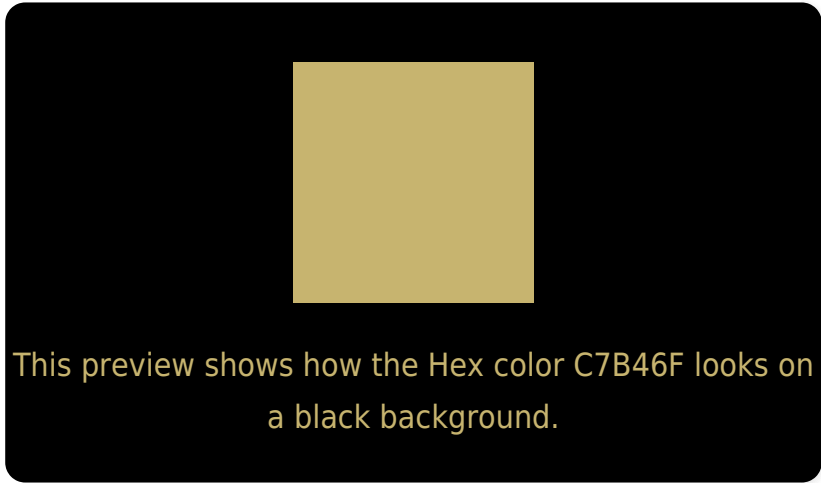
Large Text (above 18pt) WCAG AA × Fail

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

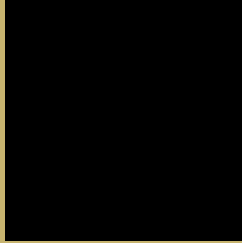
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7B46F Background



This preview shows how black text looks on a background with the Hex color C7B46F.



This preview shows how white text looks on a background with the Hex color C7B46F.

# 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**  
C7B46F

**Protanopia**  
C5B56F

**Deuteranopia**  
DAAD71



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B46F 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 #C7B46F looks like.

```
.text, #text, p{  
    color:#C7B46F  
}
```

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 #C7B46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B46F
}
```

## Border

The CSS property to change the border of an element to Hex C7B46F 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
#C7B46F }
```

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

```
.border{ border-color:#C7B46F }
```

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

Here you see how a box with a 4 pixel #C7B46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B46F; -webkit-box-shadow:4px 4px  
4px 4px #C7B46F; box-shadow:4px 4px 4px  
4px #C7B46F }
```

# Background

The CSS property to change the background color of an element to Hex C7B46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B46F }
```

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

```
.background{ background-color:#C7B46F }
```

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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