

# Converting Colors

Hex(C7B14F)

Have a look what the booklet for  
Hex(C7B14F) contains.

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# **Color**

**Hex(C7B14F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B14F
RGB	199, 177, 79
RGB Percent	78%, 69%, 31%
CMY	0.2196, 0.3059, 0.6902
CMYK	0.00, 0.11, 0.60, 0.22
HSL	49°, 52%, 55%
HSV	49°, 60%, 78%
XYZ	40.6866, 44.1509, 13.7747
YIQ	172.4060, 44.5700, -25.8140

# Conversions

## Conversions Part 2

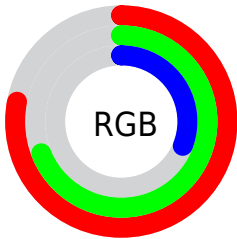
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 199, 79
Decimal	13087055
CIELab	72.33, -3.90, 51.89
CIELCh	72, 52.038, 94.302
Yxy	44.1509, 0.4126, 0.4477
Android (android.graphics.Color)	4291277135 (0xFFC7B14F)
YUV	172.4060, -46.0492, 23.3229
Hunter-Lab	66.4461, -6.9808, 34.2211

# Details

The Hex color **C7B14F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4F65C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE884**, and **8E7D19** is the 20% darker color. If you saturate the color by 10%, you get **C7AD3B**, and if you desaturate by 10%, it is **C7B563**.

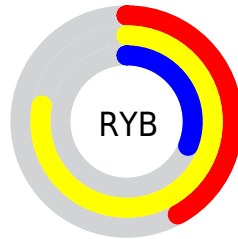
# Distribution



Red (78%)

Green (69%)

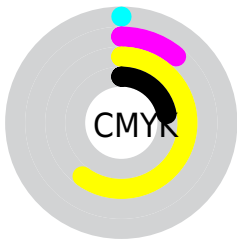
Blue (31%)



Red (42%)

Yellow (78%)

Blue (31%)

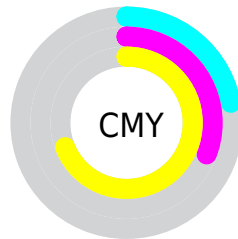


Cyan (0%)

Magenta (11%)

Yellow (60%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B14F 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 C7B14F by changing the saturation by 10% instead.



 C7B14F

 C7B14F

FFFFFF

 AA9635

 FFE884

 8E7D19

 FFFF9F

 736400

 FFFFBA

 584C00

 FFFFFD7

 3E3600

 FFFFF4

 252100

 030B00

 000000

 C7B14F

 C7B14F

 C7AD3B

 C7B563

 C7AA27

 C7B877

 C7A613

 C7BC8B

 C7A300

 C7C09F

 C7C3B3

 C7C7C6

 C7CBDA

 C7CEEE

 C7D2FF

# Harmonies

## Analogous

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



EEA05C



C7B14F



95BE60

# Triad

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



C7B14F



00C8E6



F291DC

# Complementary

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



C7B14F



4F65C7

# 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.



BEA2FF



C7B14F



00C1FF

# Square

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



C7B14F



00CAB7



6BB4FF



FF89AC

# Rectangle

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



C7B14F



6DC478



6BB4FF



E496E9



# Sweetspot

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



C7B14F



FFF7D1



C74F65



807A63



000000



808080



# Same Dimension

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



C7B14F



FFDD47



A1C74F



63625A



A38500



241D00



# Inverse Universe

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



4F65C7



4769FF



754FC7



5A5B63



001EA3

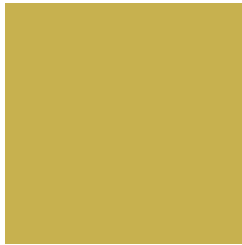


000724



# Previews

## White Background



This preview shows how the Hex color C7B14F looks on a white background.

## Color Contrast Check

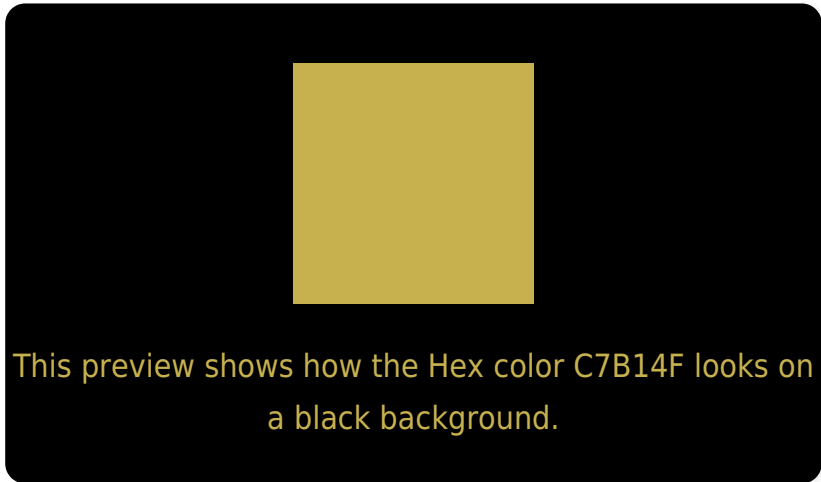
Large Text (above 18pt) WCAG AA × Fail

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 C7B14F Background



This preview shows how black text looks on a background with the Hex color C7B14F.

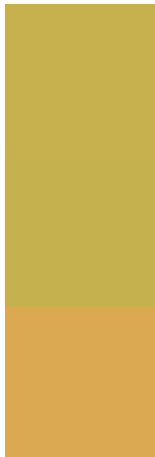


This preview shows how white text looks on a background with the Hex color C7B14F.

# 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**  
C7B14F

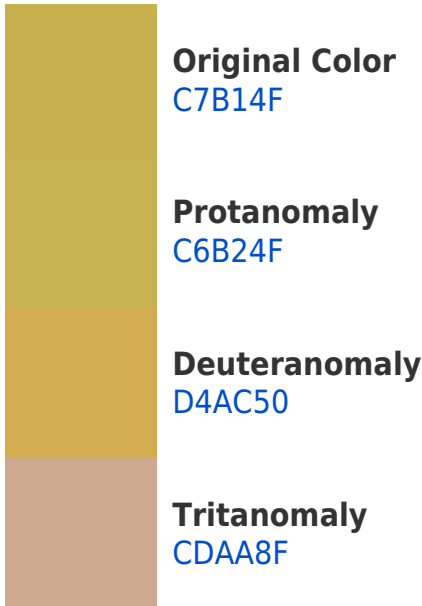
**Protanopia**  
C5B24F

**Deuteranopia**  
DBA951



**Tritanopia**  
D0A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B14F 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 #C7B14F looks like.

```
.text, #text, p{  
    color:#C7B14F  
}
```

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 #C7B14F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B14F
}
```

## Border

The CSS property to change the border of an element to Hex C7B14F 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
#C7B14F }
```

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

```
.border{ border-color:#C7B14F }
```

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

Here you see how a box with a 4 pixel #C7B14F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B14F; -webkit-box-shadow:4px 4px  
4px 4px #C7B14F; box-shadow:4px 4px 4px  
4px #C7B14F }
```

# Background

The CSS property to change the background color of an element to Hex C7B14F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B14F }
```

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

```
.background{ background-color:#C7B14F }
```

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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