

# Converting Colors

Hex(C6B716)

Have a look what the booklet for  
Hex(C6B716) contains.

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# **Color**

**Hex(C6B716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B716
RGB	198, 183, 22
RGB Percent	78%, 72%, 9%
CMY	0.2235, 0.2824, 0.9137
CMYK	0.00, 0.08, 0.89, 0.22
HSL	55°, 80%, 43%
HSV	55°, 89%, 78%
XYZ	40.3670, 45.9307, 7.4970
YIQ	169.1310, 60.6210, -46.8910

# Conversions

## Conversions Part 2

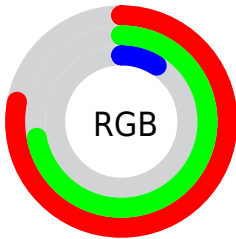
Format	Color
R <sub>Y</sub> B	38, 198, 22
Decimal	13022998
CIE Lab	73.50, -9.94, 72.34
CIE LCh	74, 73.018, 97.825
Yxy	45.9307, 0.4304, 0.4897
Android (android.graphics.Color)	4291213078 (0xFFC6B716)
YUV	169.1310, -72.5356, 25.3181
Hunter-Lab	67.7722, -12.2817, 40.8818

# Details

The Hex color **C6B716** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1625C6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFEF58**, and **8C8200** is the 20% darker color. If you saturate the color by 10%, you get **C6B502**, and if you desaturate by 10%, it is **C6B92A**.

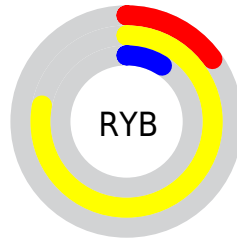
# Distribution



Red (78%)

Green (72%)

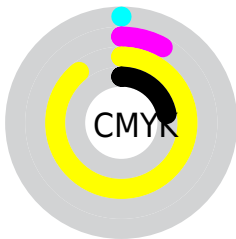
Blue (9%)



Red (15%)

Yellow (78%)

Blue (9%)

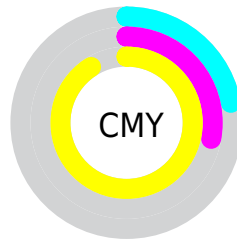


Cyan (0%)

Magenta (8%)

Yellow (89%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6B716 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 C6B716 by changing the saturation by 10% instead.



 C6B716

 C6B716

FFFFFF

 A99C00

 FFEF58

 8C8200

 FFFF74

 706A00

 FFFF90

 545200

 FFFFAD

 393B00

 FFFFFA

 202600

 FFFFFE

 001200

 000000

 C6B716

 C6B716

 C6B502

 C6B92A

 C6B500

 C6BA3E

 C6BC51

 C6BE65

 C6BF79

 C6C18D

 C6C3A1

 C6C5B4

 C6C6C8

# Harmonies

## Analogous

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



FE9F30



C6B716



7EC841

# Triad

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



C6B716



00D2FF



FF7EE9

# Complementary

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



C6B716



1625C6

# 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.



CE9BFF



C6B716



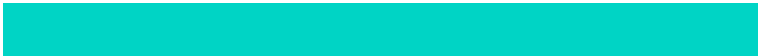
00C9FF

# Square

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



C6B716



00D4C5



31B7FF



FF73A6

# Rectangle

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



C6B716



2ECE69



31B7FF



FF87FD



# Sweetspot

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



C6B716



FFF9BA



C61628



807C57



000000



808080



# Same Dimension

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



C6B716



FFE900



80C616



63635A



A39500



242100



# Inverse Universe

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



1625C6



0016FF



5C16C6



5A5A63



000EA3



000324



# Previews

## White Background



This preview shows how the Hex color C6B716 looks on a white background.

## Color Contrast Check

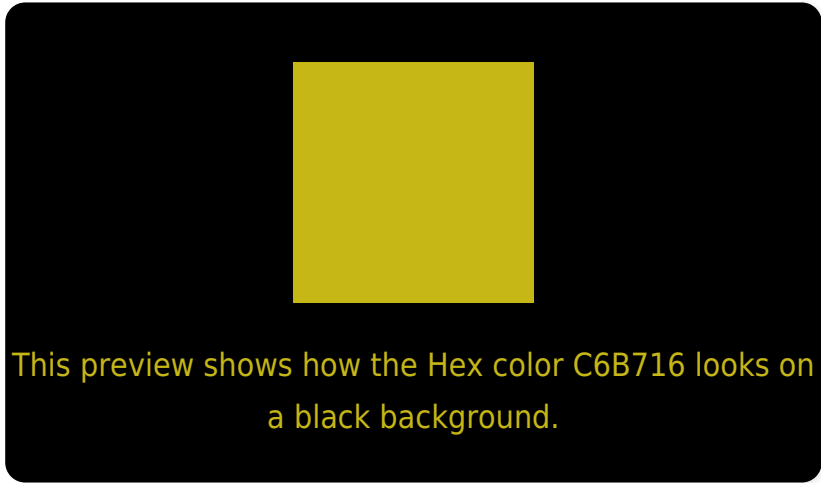
Large Text (above 18pt) WCAG AA × Fail

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 C6B716 Background



This preview shows how black text looks on a background with the Hex color C6B716.



This preview shows how white text looks on a background with the Hex color C6B716.

# 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**  
C6B716

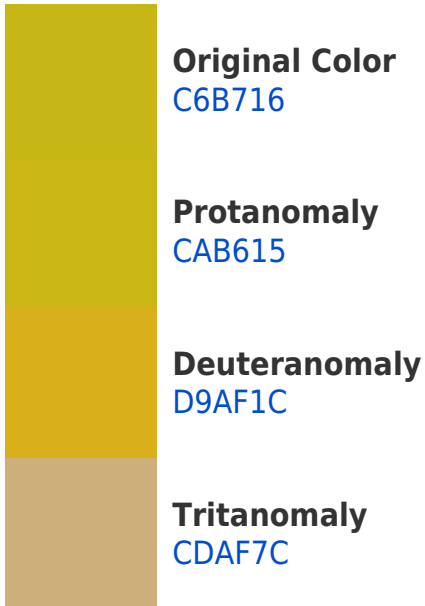
**Protanopia**  
CCB515

**Deuteranopia**  
E4AB20



**Tritanopia**  
D1AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6B716 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 #C6B716 looks like.

```
.text, #text, p{  
    color:#C6B716  
}
```

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 #C6B716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B716
}
```

## Border

The CSS property to change the border of an element to Hex C6B716 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
#C6B716 }
```

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

```
.border{ border-color:#C6B716 }
```

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

Here you see how a box with a 4 pixel #C6B716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B716; -webkit-box-shadow:4px 4px  
4px 4px #C6B716; box-shadow:4px 4px 4px  
4px #C6B716 }
```

# Background

The CSS property to change the background color of an element to Hex C6B716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B716 }
```

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

```
.background{ background-color:#C6B716 }
```

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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