

# Converting Colors

Hex(C6B006)

Have a look what the booklet for  
Hex(C6B006) contains.

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**Color**

**Hex(C6B006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B006
RGB	198, 176, 6
RGB Percent	78%, 69%, 2%
CMY	0.2235, 0.3098, 0.9765
CMYK	0.00, 0.11, 0.97, 0.22
HSL	53°, 94%, 40%
HSV	53°, 97%, 78%
XYZ	38.8469, 43.0696, 6.4381
YIQ	163.1980, 67.6820, -48.2060

# Conversions

## Conversions Part 2

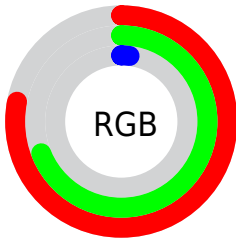
Format	Color
R <sub>Y</sub> B	31, 198, 6
Decimal	13021190
CIE Lab	71.60, -6.54, 73.12
CIE LCh	72, 73.413, 95.108
Yxy	43.0696, 0.4397, 0.4875
Android (android.graphics.Color)	4291211270 (0xFFC6B006)
YUV	163.1980, -77.4986, 30.5214
Hunter-Lab	65.6274, -9.1883, 40.1228

# Details

The Hex color **C6B006** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **061CC6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE751**, and **8B7C00** is the 20% darker color. If you saturate the color by 10%, you get **C6AF00**, and if you desaturate by 10%, it is **C6B21A**.

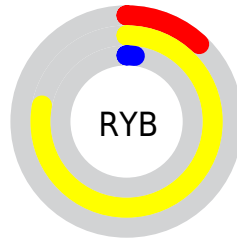
# Distribution



Red (78%)

Green (69%)

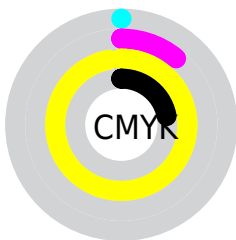
Blue (2%)



Red (12%)

Yellow (78%)

Blue (2%)

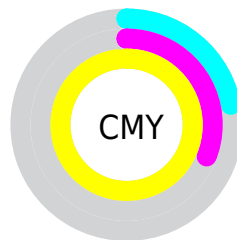


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6B006 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 C6B006 by changing the saturation by 10% instead.



 C6B006

 C6B006

FFFFFF

 A89600

 FFE751

 8B7C00

 FFFF6D

 6F6300

 FFFF8A

 534C00

 FFFFA6

 393500

 FFFFC3

 202000

 FFFFEO

 000B00

FFFFFFE

 000000

 C6B006

 C6B006

 C6AF00

 C6B21A

 C6B52E

 C6B741

 C6B955

 C6BB69

 C6BE7D

 C6C091

 C6C2A4

 C6C4B8

# Harmonies

## Analogous

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



FC972E



C6B006



80C136

# Triad

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



C6B006



00CDFB



FF7AE9

# Complementary

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



C6B006



061CC6

# 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.



BF98FF



C6B006



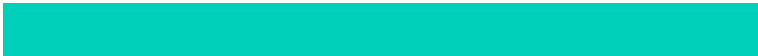
00C5FF

# Square

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



C6B006



00CFB9



00B4FF



FF6CA7

# Rectangle

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



C6B006



37C85E



00B4FF



F684FD



# Sweetspot

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



C6B006



FFF7B5



C6061C



807A53



000000



808080



# Same Dimension

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



C6B006



FFE200



7CC606



63625A



A39100



242000



# Inverse Universe

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



061CC6



001DFF



5006C6



5A5B63



0013A3

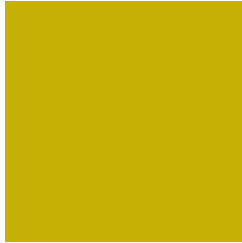


000424



# Previews

## White Background



This preview shows how the Hex color C6B006 looks on a white background.

## Color Contrast Check

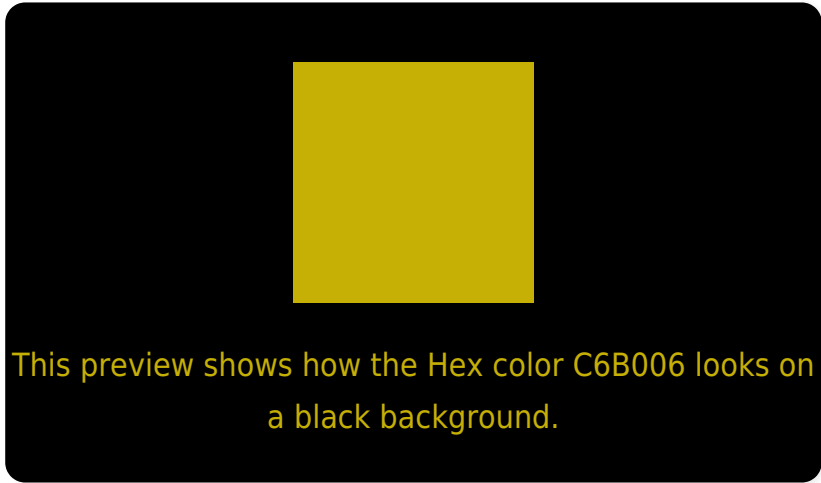
Large Text (above 18pt) WCAG AA × Fail

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 C6B006 Background



This preview shows how black text looks on a background with the Hex color C6B006.




This preview shows how white text looks on a background with the Hex color C6B006.

# 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](#).

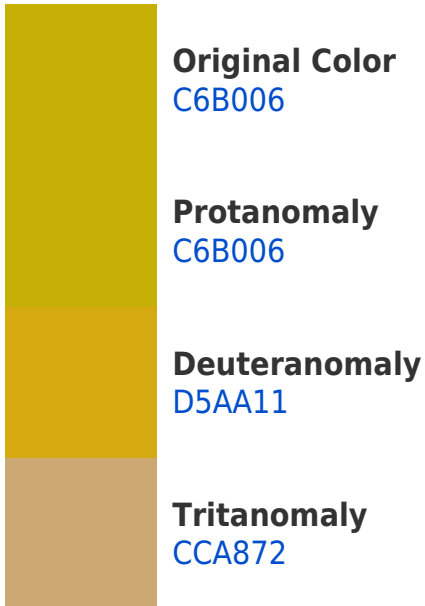
## Dichromacy





**Tritanopia**  
D0A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6B006 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 #C6B006 looks like.

```
.text, #text, p{  
    color:#C6B006  
}
```

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 #C6B006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B006
}
```

## Border

The CSS property to change the border of an element to Hex C6B006 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
#C6B006 }
```

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

```
.border{ border-color:#C6B006 }
```

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

Here you see how a box with a 4 pixel #C6B006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B006; -webkit-box-shadow:4px 4px  
4px 4px #C6B006; box-shadow:4px 4px 4px  
4px #C6B006 }
```

# Background

The CSS property to change the background color of an element to Hex C6B006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B006 }
```

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

```
.background{ background-color:#C6B006 }
```

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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