

Converting Colors

Hex(C4B800)

Have a look what the booklet for
Hex(C4B800) contains.

Hex(C4B800)	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(C4B800)

Conversions

Conversions Part 1

Format	Color
Hex	C4B800
RGB	196, 184, 0
RGB Percent	77%, 72%, 0%
CMY	0.2314, 0.2784, 1.0000
CMYK	0.00, 0.06, 1.00, 0.23
HSL	56°, 100%, 38%
HSV	56°, 100%, 77%
XYZ	39.9054, 46.0167, 6.7789
YIQ	166.6120, 66.2160, -54.6800

Conversions

Conversions Part 2

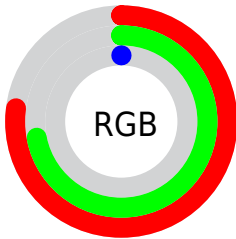
Format	Color
RYB	13, 196, 0
Decimal	12892160
CIELab	73.56, -11.62, 75.14
CIELCh	74, 76.033, 98.791
Yxy	46.0167, 0.4305, 0.4964
Android (android.graphics.Color)	4291082240 (0xFFC4B800)
YUV	166.6120, -82.1397, 25.7733
Hunter-Lab	67.8356, -13.7068, 41.5600

Details

The Hex color **C4B800** 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 **000CC4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFF051**, and **8A8300** is the 20% darker color. If you saturate the color by 10%, you get **C4B800**, and if you desaturate by 10%, it is **C4B914**.

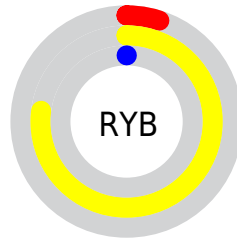
Distribution



Red (77%)

Green (72%)

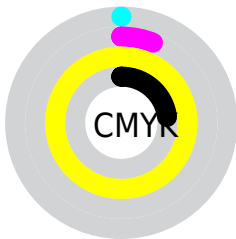
Blue (0%)



Red (5%)

Yellow (77%)

Blue (0%)

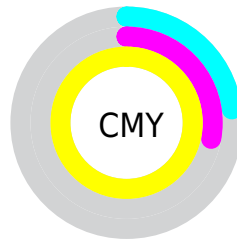


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4B800 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 C4B800 by changing the saturation by 10% instead.

 C4B800

 C4B800

FFFFFF

 A79D00


 FFF051

 8A8300

 FFFF6D

 6E6A00

 FFFF8A

 515300

 FFFFA6

 373C00

 FFFFC3

 1E2600

 FFFFE1

 001300

FFFFFFE

 000000

 C4B800

 C4B914

 C4BA27

 C4BC3B

 C4BD4E

 C4BE62

 C4BF76

 C4C089

 C4C29D

 C4C3B0

Harmonies

Analogous

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



FE9F27



C4B800



78C93D

Triad

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



C4B800



00D3FF



FF7AE9

Complementary

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



C4B800



000CC4

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.



D199FF



C4B800



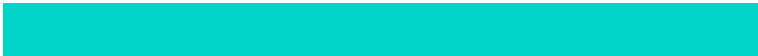
00CAFF

Square

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



C4B800



00D5C8



28B6FF



FF6EA3

Rectangle

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



C4B800



0ED068



28B6FF



FF83FE

Sweetspot

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



C4B800



FFFAB3



C4000D



807D52



000000



808080

Same Dimension

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



C4B800



FFEF00



6FC400



616057



A19700



211F00

Inverse Universe

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



000CC4



0010FF



5500C4



575861



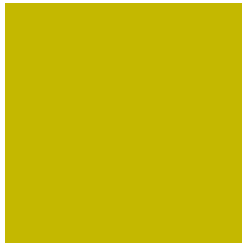
000AA1



000221

Previews

White Background



This preview shows how the Hex color C4B800 looks on a white background.

Color Contrast Check

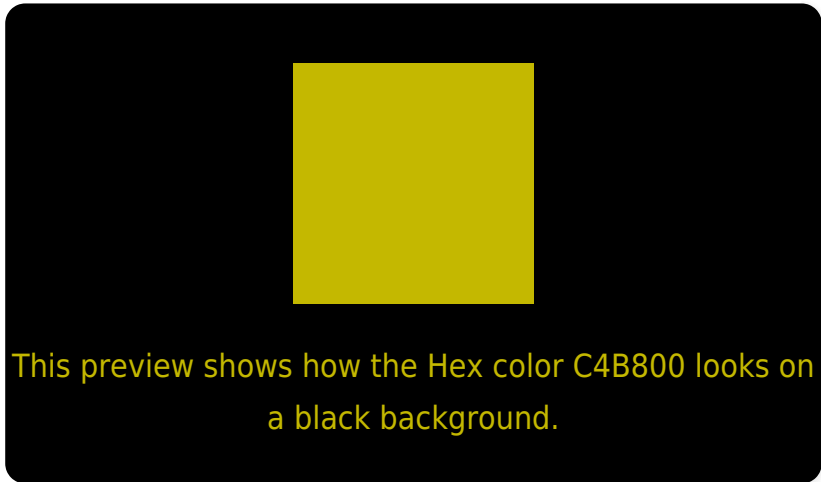
Large Text (above 18pt) WCAG AA × Fail

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 C4B800 Background



This preview shows how black text looks on a background with the Hex color C4B800.



This preview shows how white text looks on a background with the Hex color C4B800.

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
C4B800

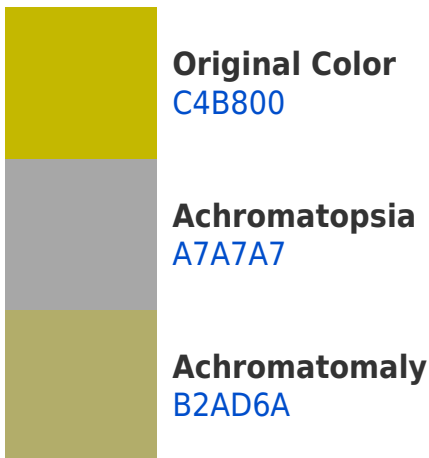
Protanopia
CCB500

Deuteranopia
E4AB1A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4B800 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 #C4B800 looks like.

```
.text, #text, p{  
    color:#C4B800  
}
```

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 #C4B800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B800
}
```

Border

The CSS property to change the border of an element to Hex C4B800 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
#C4B800 }
```

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

```
.border{ border-color:#C4B800 }
```

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

Here you see how a box with a 4 pixel #C4B800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B800; -webkit-box-shadow:4px 4px  
4px 4px #C4B800; box-shadow:4px 4px 4px  
4px #C4B800 }
```

Background

The CSS property to change the background color of an element to Hex C4B800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B800 }
```

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

```
.background{ background-color:#C4B800 }
```

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