

# Converting Colors

Hex(C4B400)

Have a look what the booklet for  
Hex(C4B400) contains.

<b>Hex(C4B400)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C4B400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B400
RGB	196, 180, 0
RGB Percent	77%, 71%, 0%
CMY	0.2314, 0.2941, 1.0000
CMYK	0.00, 0.08, 1.00, 0.23
HSL	55°, 100%, 38%
HSV	55°, 100%, 77%
XYZ	39.0862, 44.3783, 6.5058
YIQ	164.2640, 67.3160, -52.5880

# Conversions

## Conversions Part 2

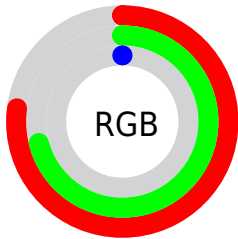
Format	Color
R <sub>Y</sub> B	17, 196, 0
Decimal	12891136
CIE Lab	72.48, -9.56, 74.36
CIE LCh	72, 74.977, 97.328
Yxy	44.3783, 0.4344, 0.4933
Android (android.graphics.Color)	4291081216 (0xFFC4B400)
YUV	164.2640, -80.9822, 27.8325
Hunter-Lab	66.6170, -11.8485, 40.8417

# Details

The Hex color **C4B400** 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 **0010C4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFEB50**, and **8A8000** is the 20% darker color. If you saturate the color by 10%, you get **C4B400**, and if you desaturate by 10%, it is **C4B614**.

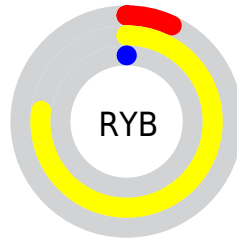
# Distribution



Red (77%)

Green (71%)

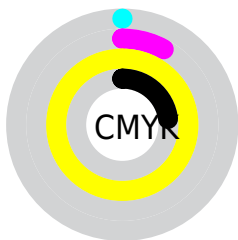
Blue (0%)



Red (7%)

Yellow (77%)

Blue (0%)

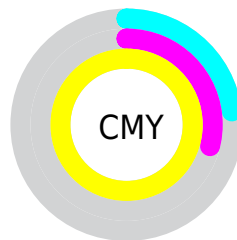


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B400 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 C4B400 by changing the saturation by 10% instead.



 C4B400

 C4B400

FFFFFF

 A69900

 FFE850

 8A8000

 FFFF6C

 6E6700

 FFFF89

 514F00

 FFFFA5

 373900

 FFFFC2

 1E2300

 FFFFDF

 000F00

 FFFFFD

 000000

 C4B400

 C4B614

 C4B727

 C4B93B

 C4BA4E

 C4BC62

 C4BE76

 C4BF89

 C4C19D

 C4C2B0

# Harmonies

## Analogous

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



FD9B29



C4B400



7BC539

# Triad

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



C4B400



00D0FF



FF79E8

# Complementary

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



C4B400



0010C4

# 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.



C998FF



C4B400



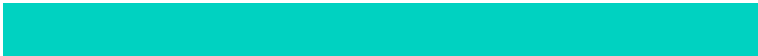
00C7FF

# Square

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



C4B400



00D2C1



00B4FF



FF6DA4

# Rectangle

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



C4B400



23CC63



00B4FF



FE83FD



# Sweetspot

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



C4B400



FFF9B3



C40010



807C52



000000



808080



# Same Dimension

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



C4B400



FFEA00



72C400



616057



A19400



211E00



# Inverse Universe

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



0010C4



0015FF



5200C4



575861



000DA1

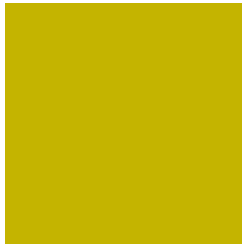


000321



# Previews

## White Background



This preview shows how the Hex color C4B400 looks on a white background.

## Color Contrast Check

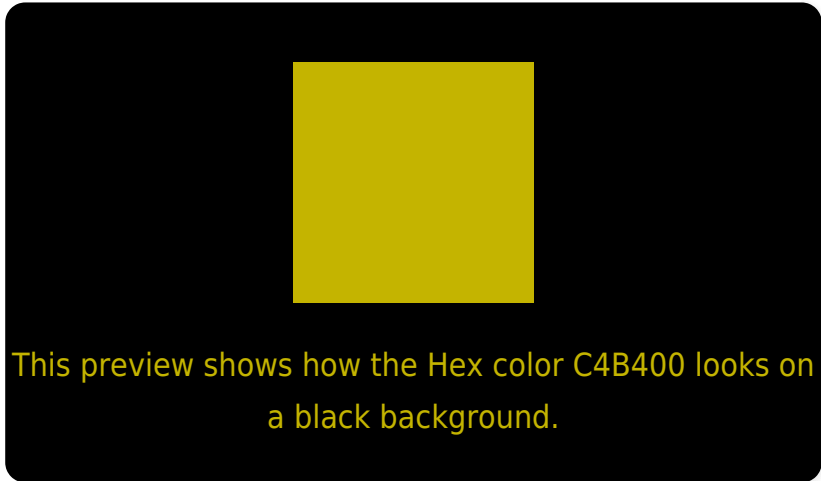
Large Text (above 18pt) WCAG AA × Fail

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 C4B400 Background



This preview shows how black text looks on a background with the Hex color C4B400.

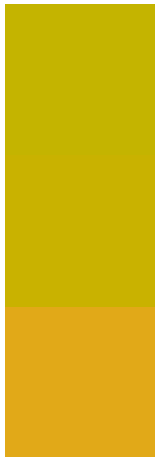


This preview shows how white text looks on a background with the Hex color C4B400.

# 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**  
C4B400

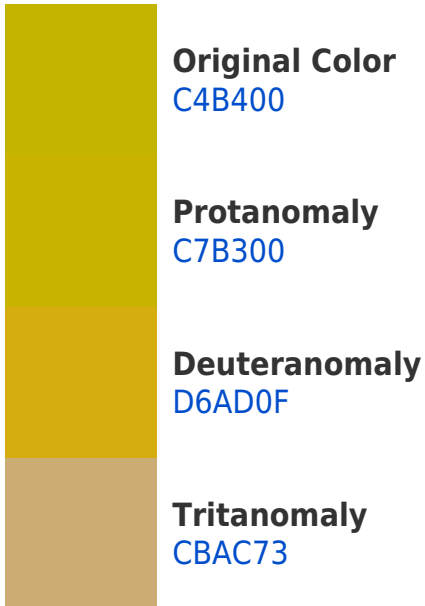
**Protanopia**  
C9B200

**Deuteranopia**  
E1A918



**Tritanopia**  
CFA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B400 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 #C4B400 looks like.

```
.text, #text, p{  
    color:#C4B400  
}
```

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 #C4B400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B400
}
```

## Border

The CSS property to change the border of an element to Hex C4B400 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
#C4B400 }
```

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

```
.border{ border-color:#C4B400 }
```

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

Here you see how a box with a 4 pixel #C4B400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B400; -webkit-box-shadow:4px 4px  
4px 4px #C4B400; box-shadow:4px 4px 4px  
4px #C4B400 }
```

# Background

The CSS property to change the background color of an element to Hex C4B400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B400 }
```

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

```
.background{ background-color:#C4B400 }
```

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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