

# Converting Colors

Hex(C4B945)

Have a look what the booklet for  
Hex(C4B945) contains.

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**Color**

**Hex(C4B945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B945
RGB	196, 185, 69
RGB Percent	77%, 73%, 27%
CMY	0.2314, 0.2745, 0.7294
CMYK	0.00, 0.06, 0.65, 0.23
HSL	55°, 52%, 52%
HSV	55°, 65%, 77%
XYZ	41.1881, 46.8634, 12.5049
YIQ	175.0650, 43.7920, -33.7440

# Conversions

## Conversions Part 2

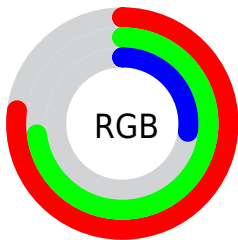
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 196, 69
Decimal	12892485
CIE <sub>Lab</sub>	74.10, -10.00, 58.13
CIE <sub>LCh</sub>	74, 58.987, 99.764
Yxy	46.8634, 0.4096, 0.4660
Android (android.graphics.Color)	4291082565 (0xFFC4B945)
YUV	175.0650, -52.2900, 18.3600
Hunter-Lab	68.4568, -12.4022, 37.0893

# Details

The Hex color **C4B945** 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 **4550C4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFF17B**, and **8B8403** is the 20% darker color. If you saturate the color by 10%, you get **C4B731**, and if you desaturate by 10%, it is **C4BB59**.

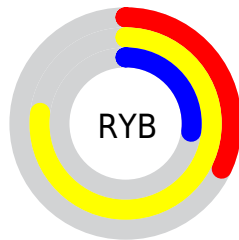
# Distribution



Red (77%)

Green (73%)

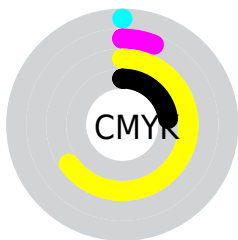
Blue (27%)



Red (32%)

Yellow (77%)

Blue (27%)

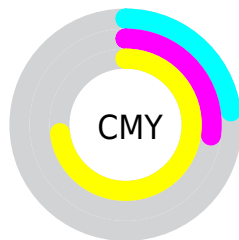


Cyan (0%)

Magenta (6%)

Yellow (65%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B945 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 C4B945 by changing the saturation by 10% instead.



 C4B945

 C4B945

FFFFFF

 A79E29

 FFF17B

 8B8403

 FFFF96

 6F6B00

 FFFFFB2

 555300

 FFFFCE

 3A3C00

 FFFFFEB

 212700

 001300

 000000

 C4B945

 C4B945

 C4B731

 C4BB59

 C4B61E

 C4BC6C

 C4B40A

 C4BE80

 C4B300

 C4C093

 C4C1A7

 C4C3BB

 C4C5CE

 C4C7E2

 C4C8F5

# Harmonies

## Analogous

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



F3A64F



C4B945



89C75F

# Triad

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



C4B945



00CFFA



FF8DDD

# Complementary

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



C4B945



4550C4

# 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.



D1A1FF



C4B945



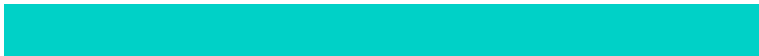
00C6FF

# Square

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



C4B945



00D1C7



75B6FF



FF87A6

# Rectangle

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



C4B945



55CD7D



75B6FF



F893EE



# Sweetspot

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



C4B945



FFFBCF



C44552



807D62



000000



808080



# Same Dimension

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



C4B945



FFEE38



91C445



616057



A19300



211E00



# Inverse Universe

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



4550C4



3849FF



7845C4



575861



000EA1



000321



# Previews

## White Background



This preview shows how the Hex color C4B945 looks on a white background.

## Color Contrast Check

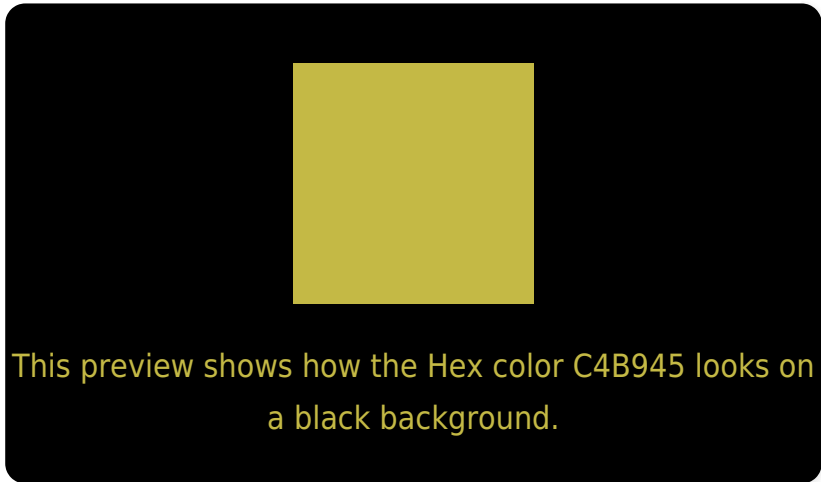
Large Text (above 18pt) WCAG AA × Fail

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 C4B945 Background



This preview shows how black text looks on a background with the Hex color C4B945.



This preview shows how white text looks on a background with the Hex color C4B945.

# 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



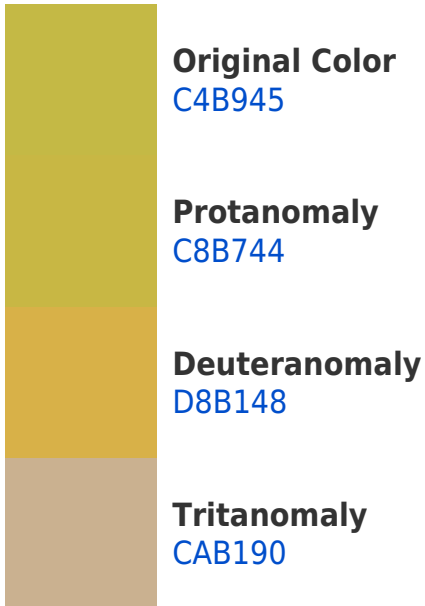
**Original Color**  
C4B945

**Protanopia**  
CBB644

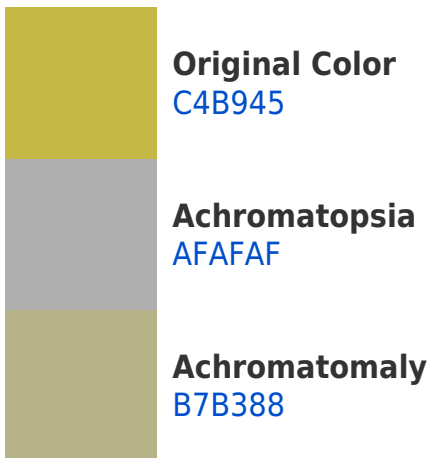
**Deuteranopia**  
E3AD49



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B945 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 #C4B945 looks like.

```
.text, #text, p{  
    color:#C4B945  
}
```

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 #C4B945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B945
}
```

## Border

The CSS property to change the border of an element to Hex C4B945 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
#C4B945 }
```

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

```
.border{ border-color:#C4B945 }
```

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

Here you see how a box with a 4 pixel #C4B945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B945; -webkit-box-shadow:4px 4px  
4px 4px #C4B945; box-shadow:4px 4px 4px  
4px #C4B945 }
```

# Background

The CSS property to change the background color of an element to Hex C4B945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B945 }
```

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

```
.background{ background-color:#C4B945 }
```

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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