

Converting Colors

Hex(C4B750)

Have a look what the booklet for
Hex(C4B750) contains.

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Color

Hex(C4B750)

Conversions

Conversions Part 1

Format	Color
Hex	C4B750
RGB	196, 183, 80
RGB Percent	77%, 72%, 31%
CMY	0.2314, 0.2824, 0.6863
CMYK	0.00, 0.07, 0.59, 0.23
HSL	53°, 50%, 54%
HSV	53°, 59%, 77%
XYZ	41.1464, 46.1819, 14.3348
YIQ	175.1450, 40.8110, -29.2770

Conversions

Conversions Part 2

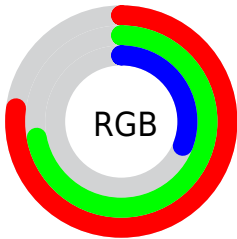
Format	Color
RYB	95, 196, 80
Decimal	12891984
CIELab	73.66, -8.24, 52.85
CIELCh	74, 53.487, 98.862
Yxy	46.1819, 0.4047, 0.4543
Android (android.graphics.Color)	4291082064 (0xFFC4B750)
YUV	175.1450, -46.9065, 18.2898
Hunter-Lab	67.9573, -10.8480, 35.0636

Details

The Hex color **C4B750** 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 **505DC4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEF85**, and **8B821A** is the 20% darker color. If you saturate the color by 10%, you get **C4B53C**, and if you desaturate by 10%, it is **C4B964**.

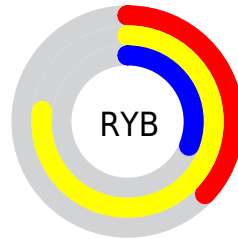
Distribution



Red (77%)

Green (72%)

Blue (31%)



Red (37%)

Yellow (77%)

Blue (31%)

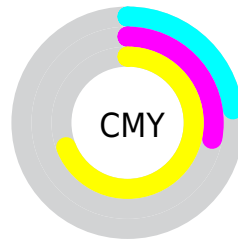


Cyan (0%)

Magenta (7%)

Yellow (59%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4B750 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 C4B750 by changing the saturation by 10% instead.

 C4B750

 C4B750

FFFFFF

 A79C36

 FFEF85

 8B821A

 FFFFA0

 706900

 FFFFBC

 565100

 FFFFFD8

 3C3B00

 FFFFF5

 232500

 001100

 000000

 C4B750

 C4B750

 C4B53C

 C4B964

 C4B329

 C4BB77

 C4B015

 C4BE8B

 C4AE02

 C4C09E

 C4AE00

 C4C2B2

 C4C4C6

 C4C6D9

 C4C9ED

 C4CBFF

Harmonies

Analogous

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



EEA659



C4B750



8FC466

Triad

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



C4B750



00CCF1



FD91D9

Complementary

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



C4B750



505DC4

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.



CCA2FF



C4B750



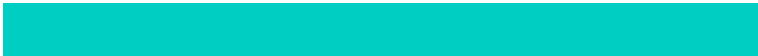
00C4FF

Square

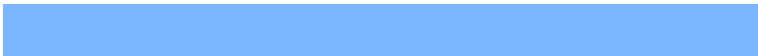
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4B750



00CEC3



7BB5FF



FF8BA8

Rectangle

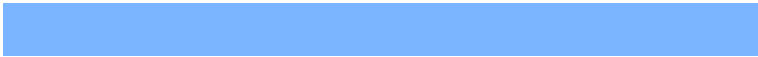
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4B750



63C980



7BB5FF



F096E8

Sweetspot

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



C4B750



FFFAD1



C4505E



807C63



000000



808080

Same Dimension

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



C4B750



FFEB4A



98C450



616057



A18F00



211D00

Inverse Universe

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



505DC4



4A5EFF



7C50C4



575861



0012A1



000421

Previews

White Background



This preview shows how the Hex color C4B750 looks on a white background.

Color Contrast Check

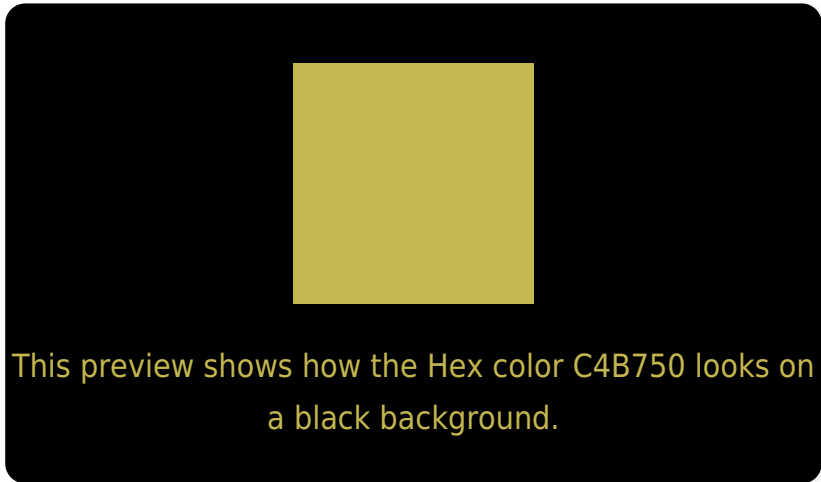
Large Text (above 18pt) WCAG AA × Fail

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 C4B750 Background



This preview shows how black text looks on a background with the Hex color C4B750.



This preview shows how white text looks on a background with the Hex color C4B750.

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

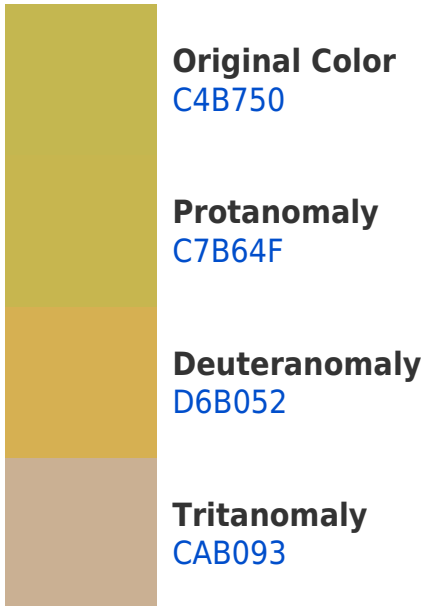


Original Color
C4B750

Protanopia
C9B54F

Deuteranopia
E0AC53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4B750 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 #C4B750 looks like.

```
.text, #text, p{  
    color:#C4B750  
}
```

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 #C4B750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B750
}
```

Border

The CSS property to change the border of an element to Hex C4B750 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
#C4B750 }
```

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

```
.border{ border-color:#C4B750 }
```

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

Here you see how a box with a 4 pixel #C4B750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B750; -webkit-box-shadow:4px 4px  
4px 4px #C4B750; box-shadow:4px 4px 4px  
4px #C4B750 }
```

Background

The CSS property to change the background color of an element to Hex C4B750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B750 }
```

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

```
.background{ background-color:#C4B750 }
```

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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