

Converting Colors

Hex(CCA84B)

Have a look what the booklet for
Hex(CCA84B) contains.

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Color

Hex(CCA84B)

Conversions

Conversions Part 1

Format	Color
Hex	CCA84B
RGB	204, 168, 75
RGB Percent	80%, 66%, 29%
CMY	0.2000, 0.3412, 0.7059
CMYK	0.00, 0.18, 0.63, 0.20
HSL	43°, 56%, 55%
HSV	43°, 63%, 80%
XYZ	40.1745, 41.3506, 12.5207
YIQ	168.1620, 51.3090, -21.2910

Conversions

Conversions Part 2

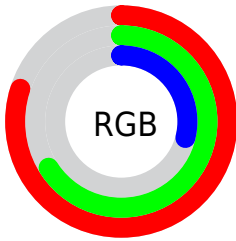
Format	Color
RYB	125, 204, 75
Decimal	13412427
CIELab	70.42, 2.73, 51.74
CIELCh	70, 51.817, 86.975
Yxy	41.3506, 0.4272, 0.4397
Android (android.graphics.Color)	4291602507 (0xFFCCA84B)
YUV	168.1620, -45.9289, 31.4299
Hunter-Lab	64.3045, -1.0142, 33.4688

Details

The Hex color **CCA84B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4B6FCC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDF7F**, and **927415** is the 20% darker color. If you saturate the color by 10%, you get **CCA237**, and if you desaturate by 10%, it is **CCAE5F**.

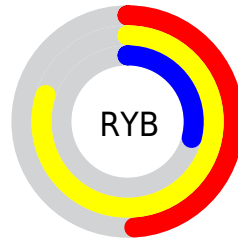
Distribution



Red (80%)

Green (66%)

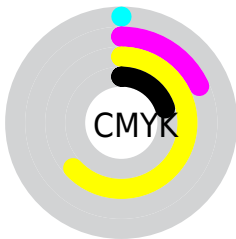
Blue (29%)



Red (49%)

Yellow (80%)

Blue (29%)

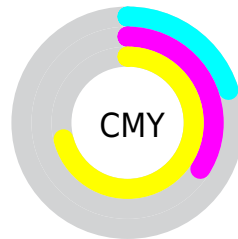


Cyan (0%)

Magenta (18%)

Yellow (63%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA84B 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 CCA84B by changing the saturation by 10% instead.

 CCA84B

 CCA84B

FFFFFF

 AF8E31

 FFDF7F

 927415

 FFFB9A

 775C00

 FFFFB6

 5C4500

 FFFFFD2

 412F00

 FFFFFEF

 281A00

 090000

 000000

 CCA84B

 CCA84B

■ CCA237

■ CCAE5F

■ CC9D22

■ CCB374

■ CC970E

■ CCB988

■ CC9300

■ CCBF9D

■ CCC4B1

■ CCCAC5

■ CCD0DA

■ CCD6EE

■ CCDBFF

Harmonies

Analogous

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



F0975E



CCA84B



9DB655

Triad

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



CCA84B



00C3D5



E290E0

Complementary

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



CCA84B



4B6FCC

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.



A8A2FF



CCA84B



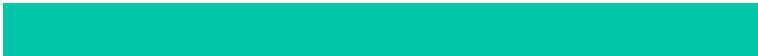
00BEFA

Square

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



CCA84B



00C4A6



46B3FF



FF85B3

Rectangle

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



CCA84B



78BD69



46B3FF



D295ED

Sweetspot

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



CCA84B



FFF1CF



CC4B70



807762



000000



808080

Same Dimension

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



CCA84B



FFC93D



B0CC4B



66635C



A67700



261C00

Inverse Universe

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



4B6FCC



3D73FF



674BCC



5C5F66



002EA6



000B26

Previews

White Background



This preview shows how the Hex color CCA84B looks on a white background.

Color Contrast Check

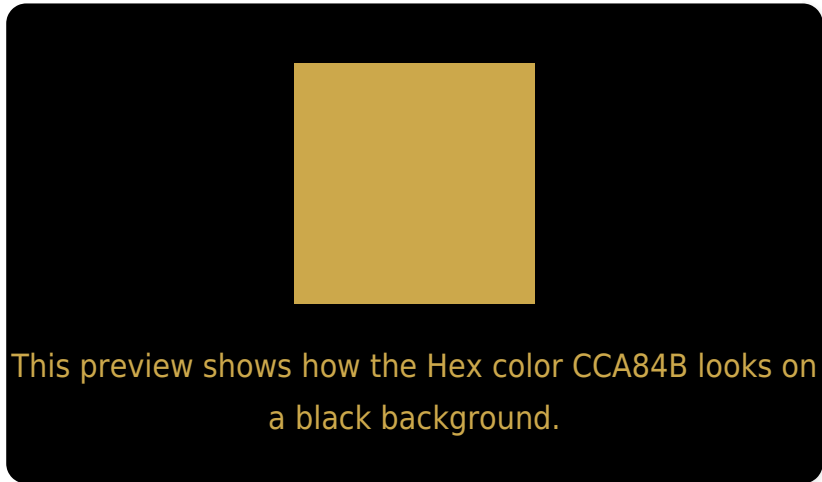
Large Text (above 18pt) WCAG AA × Fail

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 CCA84B Background



This preview shows how black text looks on a background with the Hex color CCA84B.



This preview shows how white text looks on a background with the Hex color CCA84B.

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
CCA84B

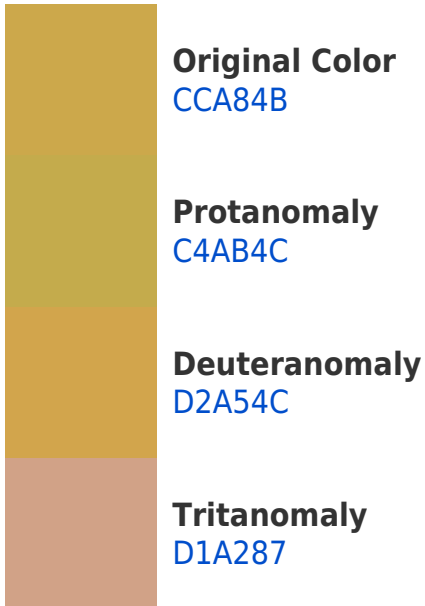
Protanopia
BFAD4C

Deuteranopia
D6A44C

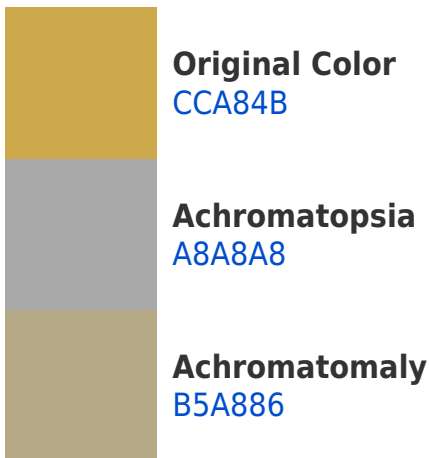


Tritanopia
D49EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA84B 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 #CCA84B looks like.

```
.text, #text, p{  
    color:#CCA84B  
}
```

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 #CCA84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA84B
}
```

Border

The CSS property to change the border of an element to Hex CCA84B 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
#CCA84B }
```

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

```
.border{ border-color:#CCA84B }
```

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

Here you see how a box with a 4 pixel #CCA84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA84B; -webkit-box-shadow:4px 4px  
4px 4px #CCA84B; box-shadow:4px 4px 4px  
4px #CCA84B }
```

Background

The CSS property to change the background color of an element to Hex CCA84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA84B }
```

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

```
.background{ background-color:#CCA84B }
```

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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