

# Converting Colors

Hex(CCA74B)

Have a look what the booklet for  
Hex(CCA74B) contains.

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# Color

**Hex(CCA74B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CCA74B
RGB	204, 167, 75
RGB Percent	80%, 65%, 29%
CMY	0.2000, 0.3451, 0.7059
CMYK	0.00, 0.18, 0.63, 0.20
HSL	43°, 56%, 55%
HSV	43°, 63%, 80%
XYZ	39.9906, 40.9828, 12.4594
YIQ	167.5750, 51.5840, -20.7680

# Conversions

## Conversions Part 2

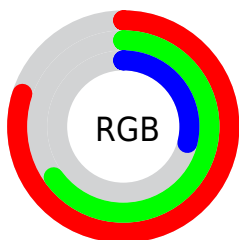
Format	Color
<a href="#">RYB</a>	<a href="#">127, 204, 75</a>
Decimal	<a href="#">13412171</a>
CIELab	<a href="#">70.16, 3.27, 51.46</a>
CIELCh	<a href="#">70, 51.565, 86.365</a>
Yxy	<a href="#">40.9828, 0.4280, 0.4386</a>
Android (android.graphics.Color)	<a href="#">4291602251</a> (0xFFCCA74B)
YUV	<a href="#">167.5750, -45.6395, 31.9447</a>
Hunter-Lab	<a href="#">64.0178, -0.5260, 33.2733</a>

# Details

The Hex color **CCA74B** 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 **4B70CC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDE7F**, and **927315** is the 20% darker color. If you saturate the color by 10%, you get **CCA137**, and if you desaturate by 10%, it is **CCAD5F**.

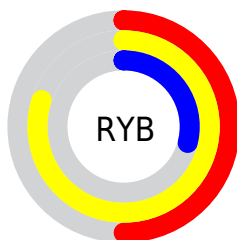
# Distribution



Red (80%)

Green (65%)

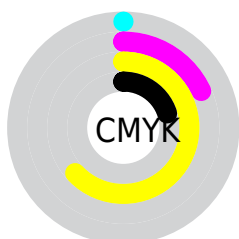
Blue (29%)



Red (50%)

Yellow (80%)

Blue (29%)

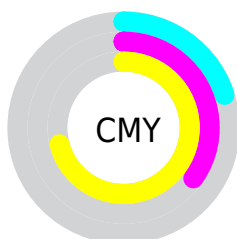


Cyan (0%)

Magenta (18%)

Yellow (63%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA74B 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 CCA74B by changing the saturation by 10% instead.



 CCA74B

FFFFFF

 FFDE7F

 FFFA9A

 FFFFB6

 FFFFD2

 FFFFEF

 CCA74B

 AF8D31

 927315

 775B00

 5C4400

 412E00

 281900

 090000

 000000

 CCA74B

 CCA74B

 CCA137

 CCAD5F

 CC9B22

 CCB374

 CC950E

 CCB988

 CC9100

 CCBE9D

 CCC4B1

 CCCAC5

 CCD0DA

 CCD6EE

 CCDCFF

# Harmonies

## Analogous

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



EF965E



CCA74B



9EB554

# Triad

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



CCA74B



00C3D4



E08FE0

# Complementary

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



CCA74B



4B70CC

# 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.



A6A2FF



CCA74B



00BDF9

# Square

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



CCA74B



00C3A4



43B2FF



FF84B3

# Rectangle

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



CCA74B



79BC68



43B2FF



D095ED



# Sweetspot

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



CCA74B



FFF1CF



CC4B72



807762



000000



808080



# Same Dimension

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



CCA74B



FFC73D



B2CC4B



66635C



A67600



261B00



# Inverse Universe

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



4B70CC



3D75FF



654BCC



5C5F66



0030A6

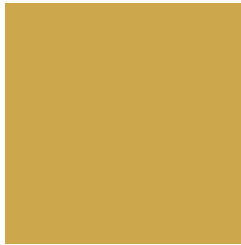


000B26



# Previews

## White Background



This preview shows how the Hex color CCA74B looks on a white background.

## Color Contrast Check

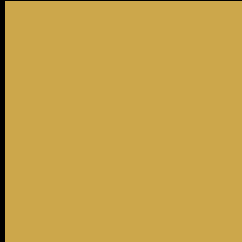
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CCA74B looks on a 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 CCA74B Background



This preview shows how black text looks on a background with the Hex color CCA74B.

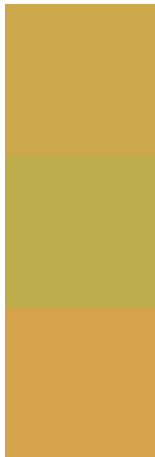


This preview shows how white text looks on a background with the Hex color CCA74B.

# 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**  
CCA74B

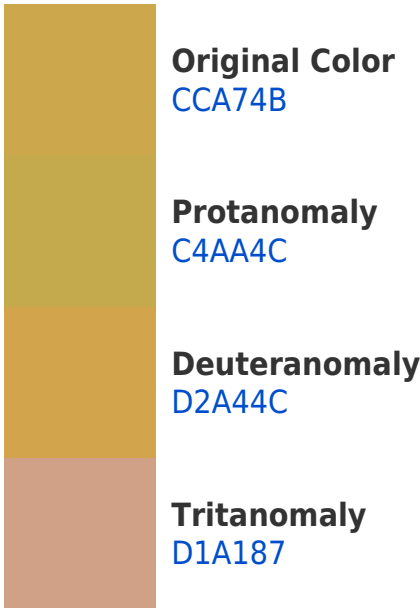
**Protanopia**  
BFAC4D

**Deuteranopia**  
D5A34C

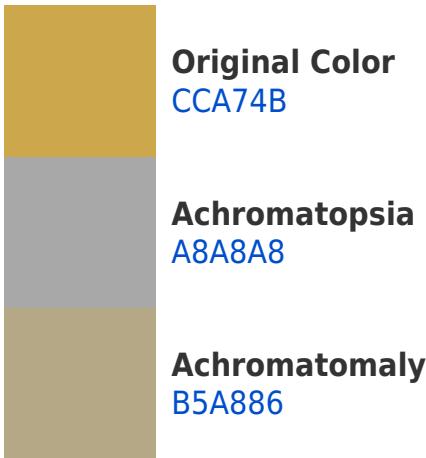


**Tritanopia**  
D49DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA74B 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 #CCA74B looks like.

```
.text, #text, p{  
    color:#CCA74B  
}
```

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 #CCA74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA74B
}
```

## Border

The CSS property to change the border of an element to Hex CCA74B 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
#CCA74B }
```

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

```
.border{ border-color:#CCA74B }
```

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

Here you see how a box with a 4 pixel #CCA74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA74B; -webkit-box-shadow:4px 4px  
4px 4px #CCA74B; box-shadow:4px 4px 4px  
4px #CCA74B }
```

# Background

The CSS property to change the background color of an element to Hex CCA74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA74B }
```

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

```
.background{ background-color:#CCA74B }
```

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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