

# Converting Colors

Hex(CBA452)

Have a look what the booklet for  
Hex(CBA452) contains.

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**Color**

**Hex(CBA452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA452
RGB	203, 164, 82
RGB Percent	80%, 64%, 32%
CMY	0.2039, 0.3569, 0.6784
CMYK	0.00, 0.19, 0.60, 0.20
HSL	41°, 54%, 56%
HSV	41°, 60%, 80%
XYZ	39.4271, 39.8566, 13.5977
YIQ	166.3130, 49.5660, -17.2340

# Conversions

## Conversions Part 2

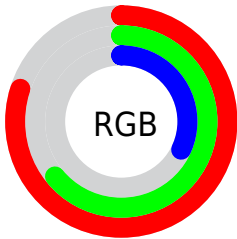
Format	Color
<a href="#">RYB</a>	<a href="#">140, 203, 82</a>
Decimal	<a href="#">13345874</a>
CIELab	<a href="#">69.37, 4.93, 47.22</a>
CIELCh	<a href="#">69, 47.473, 84.034</a>
Yxy	<a href="#">39.8566, 0.4245, 0.4291</a>
Android (android.graphics.Color)	<a href="#">4291535954</a> ( <a href="#">0xFFCBA452</a> )
YUV	<a href="#">166.3130, -41.5663, 32.1745</a>
Hunter-Lab	<a href="#">63.1321, 0.9950, 31.4223</a>

# Details

The Hex color **CBA452** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5279CB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDB86**, and **92711F** is the 20% darker color. If you saturate the color by 10%, you get **CB9D3E**, and if you desaturate by 10%, it is **CBAB66**.

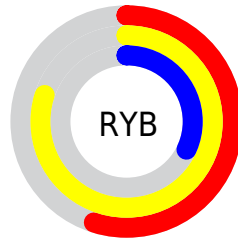
# Distribution



Red (80%)

Green (64%)

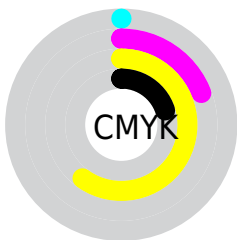
Blue (32%)



Red (55%)

Yellow (80%)

Blue (32%)

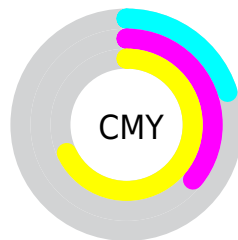


Cyan (0%)

Magenta (19%)

Yellow (60%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA452 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 CBA452 by changing the saturation by 10% instead.





CBA452



CBA452

FFFFFF



AE8A39



FFDB86



92711F



FFF7A1



765800



FFFFBC



5B4100



FFFFD9



412B00



FFFFF5



271700



060000



000000



CBA452



CBA452

 CB9D3E

 CBAB66

 CB9729

 CBB17B

 CB9015

 CBB88F

 CB8A01

 CBBEA3

 CB8A00

 CBC5B8

 CBCBCC

 CBD2E0

 CBD8F4

 CBDFFF

# Harmonies

## Analogous

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



EB9465



CBA452



A1B158

# Triad

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



CBA452



00BFCB



D791DC

# Complementary

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



CBA452



5279CB

# 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.



A0A1F8



CBA452



00BBEE

# Square

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



CBA452



10BF9F



4AB0FF



F586B4

# Rectangle

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



CBA452



80B869



4AB0FF



C796E8

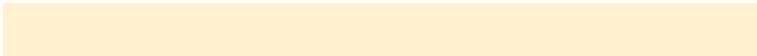


# Sweetspot

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



CBA452



FFF0D1



CB527A



807663



000000



808080



# Same Dimension

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



CBA452



FFC447



B7CB52



66635C



A67000



261A00



# Inverse Universe

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



5279CB



4783FF



6652CB



5C5F66



0035A6

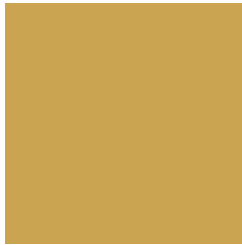


000C26



# Previews

## White Background



This preview shows how the Hex color CBA452 looks on a white background.

## Color Contrast Check

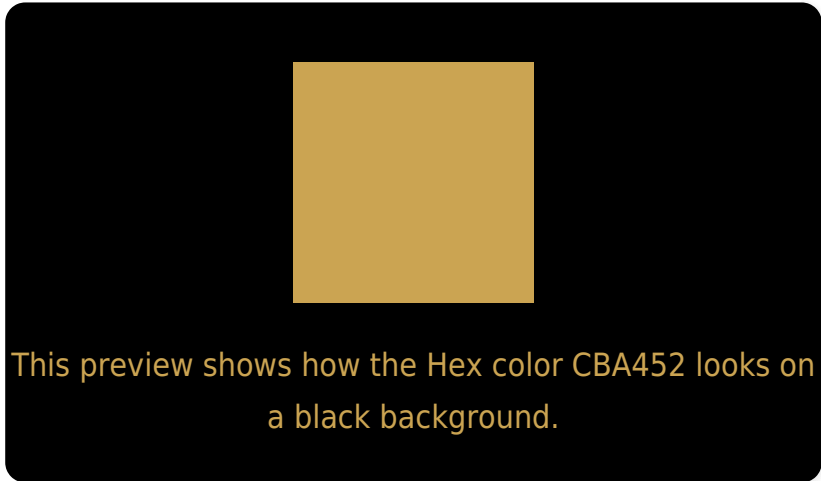
Large Text (above 18pt) WCAG AA × Fail

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 CBA452 Background



This preview shows how black text looks on a background with the Hex color CBA452.



This preview shows how white text looks on a background with the Hex color CBA452.

# 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**  
CBA452

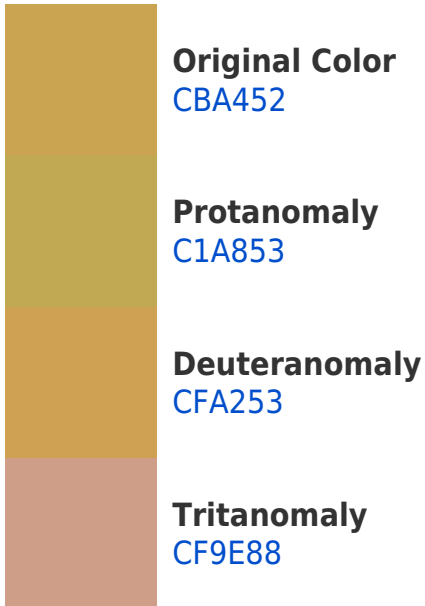
**Protanopia**  
BCAA54

**Deuteranopia**  
D1A153

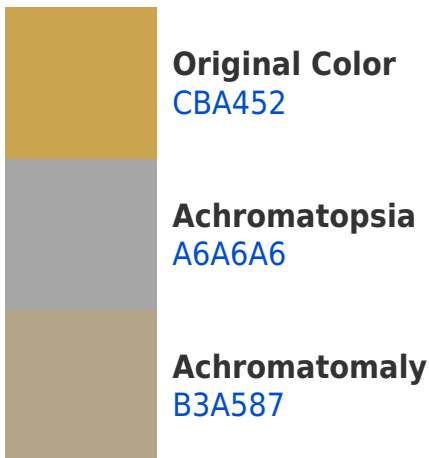


**Tritanopia**  
D29BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA452 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 #CBA452 looks like.

```
.text, #text, p{  
    color:#CBA452  
}
```

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 #CBA452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA452
}
```

## Border

The CSS property to change the border of an element to Hex CBA452 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
#CBA452 }
```

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

```
.border{ border-color:#CBA452 }
```

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

Here you see how a box with a 4 pixel #CBA452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA452; -webkit-box-shadow:4px 4px  
4px 4px #CBA452; box-shadow:4px 4px 4px  
4px #CBA452 }
```

# Background

The CSS property to change the background color of an element to Hex CBA452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA452 }
```

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

```
.background{ background-color:#CBA452 }
```

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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