

Converting Colors

Hex(CBA862)

Have a look what the booklet for
Hex(CBA862) contains.

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Color

Hex(CBA862)

Conversions

Conversions Part 1

Format	Color
Hex	CBA862
RGB	203, 168, 98
RGB Percent	80%, 66%, 38%
CMY	0.2039, 0.3412, 0.6157
CMYK	0.00, 0.17, 0.52, 0.20
HSL	40°, 50%, 59%
HSV	40°, 52%, 80%
XYZ	40.8358, 41.5836, 17.4294
YIQ	170.4850, 43.3300, -14.3500

Conversions

Conversions Part 2

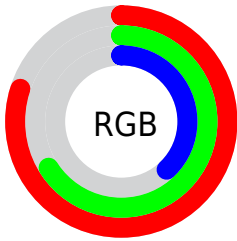
Format	Color
RYB	151, 203, 98
Decimal	13346914
CIELab	70.58, 4.08, 40.69
CIELCh	71, 40.892, 84.268
Yxy	41.5836, 0.4090, 0.4165
Android (android.graphics.Color)	4291536994 (0xFFCBA862)
YUV	170.4850, -35.7351, 28.5157
Hunter-Lab	64.4854, 0.1871, 29.1145

Details

The Hex color **CBA862** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6285CB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDF96**, and **927431** is the 20% darker color. If you saturate the color by 10%, you get **CBA14E**, and if you desaturate by 10%, it is **CBAF76**.

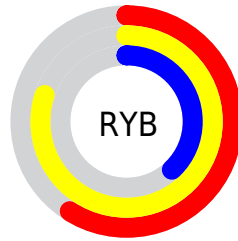
Distribution



Red (80%)

Green (66%)

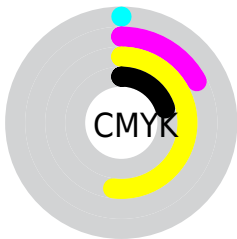
Blue (38%)



Red (59%)

Yellow (80%)

Blue (38%)

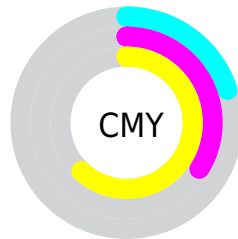


Cyan (0%)

Magenta (17%)

Yellow (52%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA862 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 CBA862 by changing the saturation by 10% instead.

 CBA862

 CBA862

FFFFFF

 AE8E49

 FFDF96

 927431

 FFFCB1

 775C18

 FFFFCD

 5C4400

 FFFFE9

 432E00

 2A1A00

 0E0000

 000000

 CBA862

 CBA862

 CBA14E

 CBAF76

 CB9A39

 CBB68B

 CB9425

 CBBC9F

 CB8D11

 CBC3B3

 CB8700

 CBCAC8

 CBD1DC

 CBD7F0

 CBDEFF

 CBE5FF

Harmonies

Analogous

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



E79B72



CBA862



A6B467

Triad

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



CBA862



00C0CA



D598D9

Complementary

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



CBA862



6285CB

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.



A6A6F0



CBA862



00BCE8

Square

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



CBA862



45C0A4



67B3F6



EF90B5

Rectangle

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



CBA862



8ABA76



67B3F6



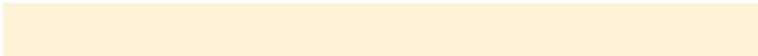
C79CE2

Sweetspot

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



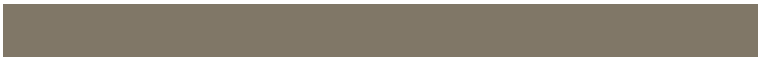
CBA862



FFF1D6



CB6285



807767



000000



808080

Same Dimension

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



CBA862



FFCA61



BACB62



66635C



A66F00



261A00

Inverse Universe

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



6285CB



6196FF



7362CB



5C5F66



0037A6



000D26

Previews

White Background



This preview shows how the Hex color CBA862 looks on a white background.

Color Contrast Check

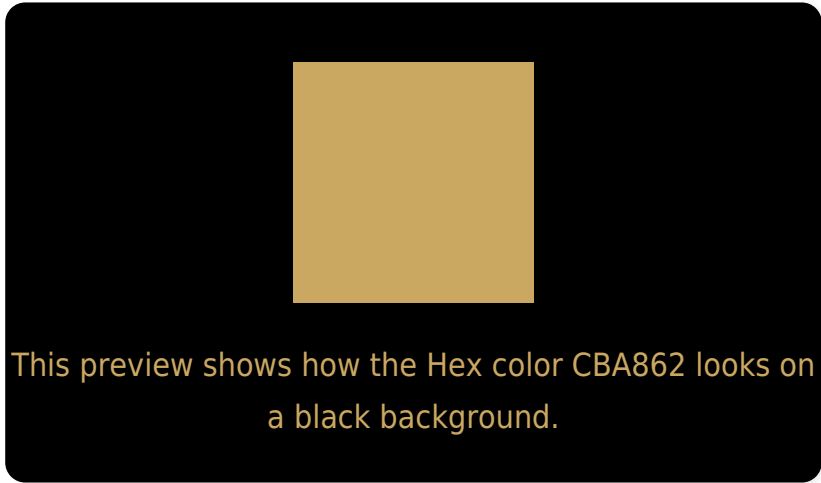
Large Text (above 18pt) WCAG AA × Fail

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 CBA862 Background



This preview shows how black text looks on a background with the Hex color CBA862.

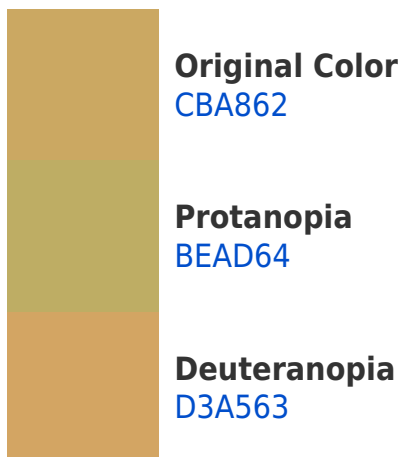


This preview shows how white text looks on a background with the Hex color CBA862.

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](#).

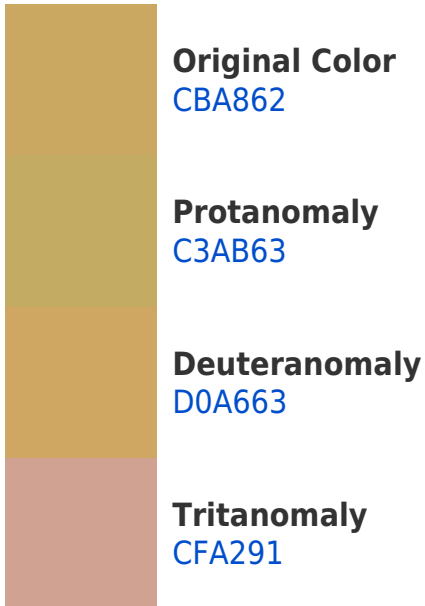
Dichromacy



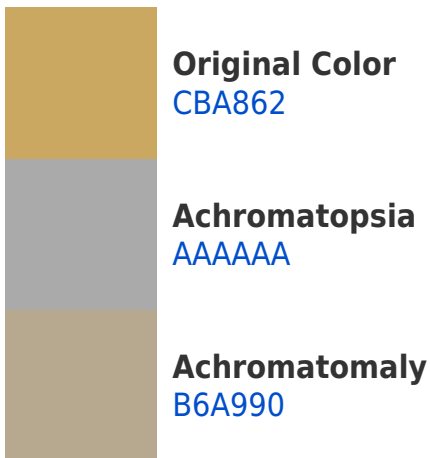


Tritanopia
D29FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA862 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 #CBA862 looks like.

```
.text, #text, p{  
    color:#CBA862  
}
```

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 #CBA862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA862
}
```

Border

The CSS property to change the border of an element to Hex CBA862 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
#CBA862 }
```

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

```
.border{ border-color:#CBA862 }
```

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

Here you see how a box with a 4 pixel #CBA862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA862; -webkit-box-shadow:4px 4px  
4px 4px #CBA862; box-shadow:4px 4px 4px  
4px #CBA862 }
```

Background

The CSS property to change the background color of an element to Hex CBA862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA862 }
```

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

```
.background{ background-color:#CBA862 }
```

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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