

# Converting Colors

Hex(CBA887)

Have a look what the booklet for  
Hex(CBA887) contains.

<b>Hex(CBA887)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CBA887)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBA887
RGB	203, 168, 135
RGB Percent	80%, 66%, 53%
CMY	0.2039, 0.3412, 0.4706
CMYK	0.00, 0.17, 0.33, 0.20
HSL	29°, 40%, 66%
HSV	29°, 33%, 80%
XYZ	43.0044, 42.4510, 28.8490
YIQ	174.7030, 31.4530, -2.8430

# Conversions

## Conversions Part 2

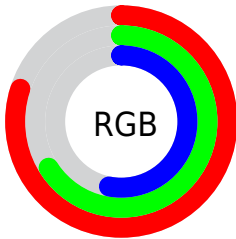
Format	Color
<a href="#">RYB</a>	<a href="#">203, 199, 135</a>
Decimal	<a href="#">13346951</a>
CIELab	<a href="#">71.18, 8.07, 21.86</a>
CIElCh	<a href="#">71, 23.299, 69.732</a>
Yxy	<a href="#">42.4510, 0.3762, 0.3714</a>
Android (android.graphics.Color)	<a href="#">4291537031 (0xFFCBA887)</a>
YUV	<a href="#">174.7030, -19.5736, 24.8165</a>
Hunter-Lab	<a href="#">65.1545, 3.7964, 19.3558</a>

# Details

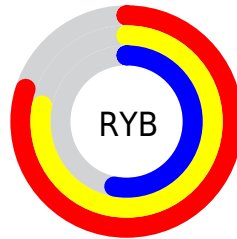
The Hex color **CBA887** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **87AACB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDFBC**, and **947455** is the 20% darker color. If you saturate the color by 10%, you get **CB9E73**, and if you desaturate by 10%, it is **CBB29B**.

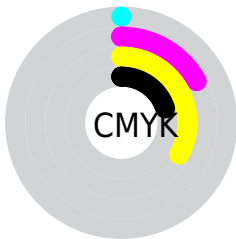
# Distribution



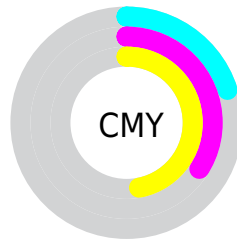
- Red (80%)
- Green (66%)
- Blue (53%)



- Red (80%)
- Yellow (78%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA887 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 CBA887 by changing the saturation by 10% instead.



 CBA887

FFFFFF

 FFDFBC

 FFFCD8

 FFFFF5

 CBA887

 AF8E6E

 947455

 795B3E

 5F4427

 462E12

 2F1900

 170000

 000000

 CBA887

 CBA887

 CB9E73

 CBB29B

 CB935E

 CBBDB0

 CB894A

 CBC7C4

 CB7E36

 CBD2D8

 CB7422

 CBDCED

 CB690D

 CBE7FF

 CB6300

 CBF1FF

 CBFCFF

 CBF000

# Harmonies

## Analogous

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



D7A294



CBA887



B7AF84

# Triad

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



CBA887



76BAB5



BAA7CF

# Complementary

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



CBA887



87AACB

# 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.



9EAED8



CBA887



73B9C9

# Square

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



CBA887



88B99F



83B4D5



CFA1BD

# Rectangle

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



CBA887



A7B389



83B4D5



B2A9D3

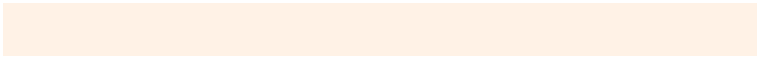


# Sweetspot

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



CBA887



FFF2E6



CB87AA



807870



000000



808080



# Same Dimension

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



CBA887



FFCB99



CBCA87



66615C



A65000



261300

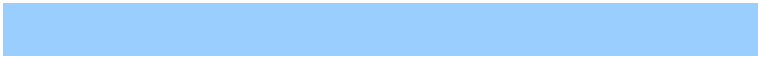


# Inverse Universe

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



87AACB



99CEFF



8788CB



5C6166



0055A6



001426



# Previews

## White Background



This preview shows how the Hex color CBA887 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 CBA887 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 CBA887 Background



This preview shows how black text looks on a background with the Hex color CBA887.



This preview shows how white text looks on a background with the Hex color CBA887.

# Color Blindness Simulation

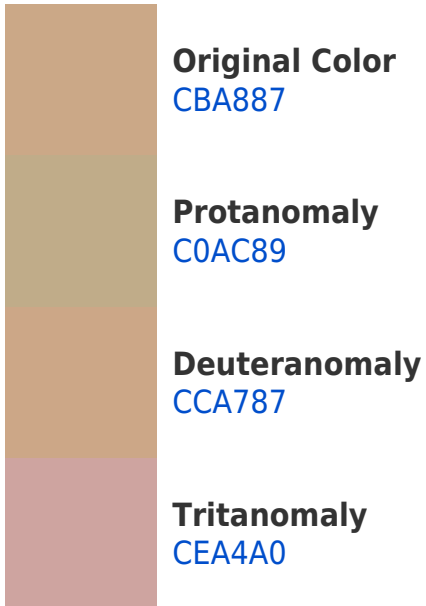
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

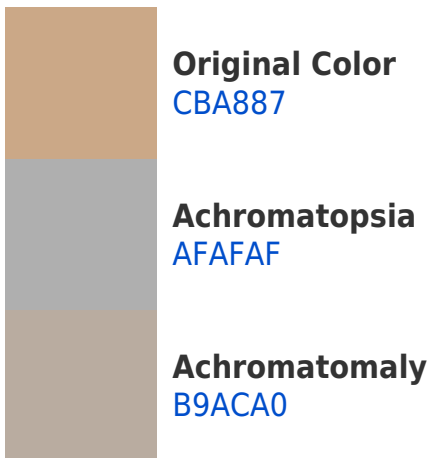




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA887 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 #CBA887 looks like.

```
.text, #text, p{  
    color:#CBA887  
}
```

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 #CBA887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA887
}
```

## Border

The CSS property to change the border of an element to Hex CBA887 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
#CBA887 }
```

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

```
.border{ border-color:#CBA887 }
```

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

Here you see how a box with a 4 pixel #CBA887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA887; -webkit-box-shadow:4px 4px  
4px 4px #CBA887; box-shadow:4px 4px 4px  
4px #CBA887 }
```

# Background

The CSS property to change the background color of an element to Hex CBA887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA887 }
```

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

```
.background{ background-color:#CBA887 }
```

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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