

Converting Colors

Hex(CBA37E)

Have a look what the booklet for
Hex(CBA37E) contains.

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Color

Hex(CBA37E)

Conversions

Conversions Part 1

Format	Color
Hex	CBA37E
RGB	203, 163, 126
RGB Percent	80%, 64%, 49%
CMY	0.2039, 0.3608, 0.5059
CMYK	0.00, 0.20, 0.38, 0.20
HSL	29°, 43%, 65%
HSV	29°, 38%, 80%
XYZ	41.4917, 40.3973, 25.3493
YIQ	170.7420, 35.7170, -3.0270

Conversions

Conversions Part 2

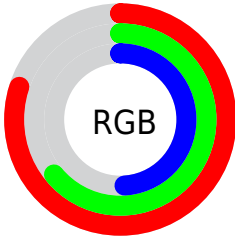
Format	Color
RYB	203, 197, 126
Decimal	13345662
CIELab	69.75, 9.68, 24.81
CIELCh	70, 26.632, 68.694
Yxy	40.3973, 0.3869, 0.3767
Android (android.graphics.Color)	4291535742 (0xFFCBA37E)
YUV	170.7420, -22.0578, 28.2903
Hunter-Lab	63.5588, 5.2982, 20.8445

Details

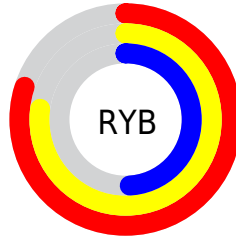
The Hex color **CBA37E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7EA6CB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDAB3**, and **936F4D** is the 20% darker color. If you saturate the color by 10%, you get **CB986A**, and if you desaturate by 10%, it is **CBAE92**.

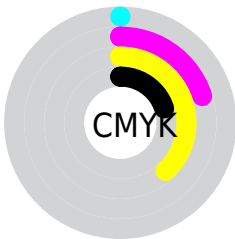
Distribution



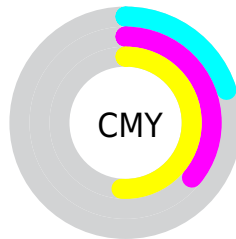
- Red (80%)
- Green (64%)
- Blue (49%)



- Red (80%)
- Yellow (77%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (20%)



- Cyan (20%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA37E 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 CBA37E by changing the saturation by 10% instead.



CBA37E



CBA37E

FFFFFF



AF8965



FFDAB3



936F4D



FFF6CF



795735



FFFFEB



5E401F



452A09



2D1500



140000



000000



CBA37E



CBA37E

Harmonies

Analogous

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



D99C8D



CBA37E



B5AB7B

Triad

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



CBA37E



68B8B1



B7A2D0

Complementary

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



CBA37E



7EA6CB

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.



96AADA



CBA37E



62B6C8

Square

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



CBA37E



7EB698



75B2D7



CF9BBD

Rectangle

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



CBA37E



A3B080



75B2D7



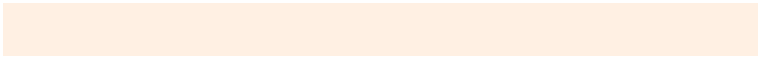
ADA5D5

Sweetspot

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



CBA37E



FFF0E3



CB7EA7



80776F



000000



808080

Same Dimension

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



CBA37E



FFC28A



CBC87E



66615C



A65000



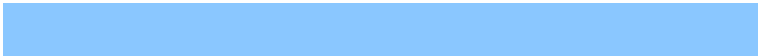
261200

Inverse Universe

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



7EA6CB



8AC7FF



7E81CB



5C6166



0056A6



001426

Previews

White Background



This preview shows how the Hex color CBA37E looks on a white background.

Color Contrast Check

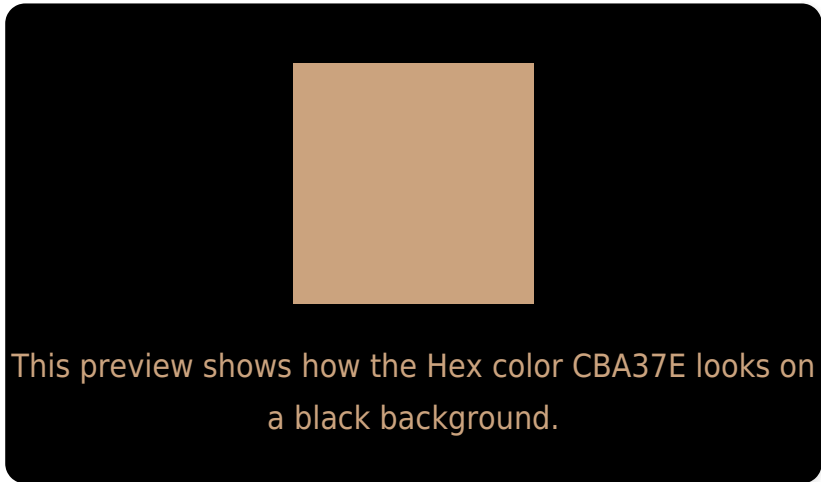
Large Text (above 18pt) WCAG AA × Fail

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

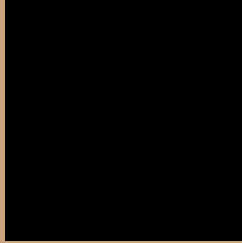
Any Text WCAG AA ✓ Pass

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 CBA37E Background



This preview shows how black text looks on a background with the Hex color CBA37E.



This preview shows how white text looks on a background with the Hex color CBA37E.

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
CBA37E

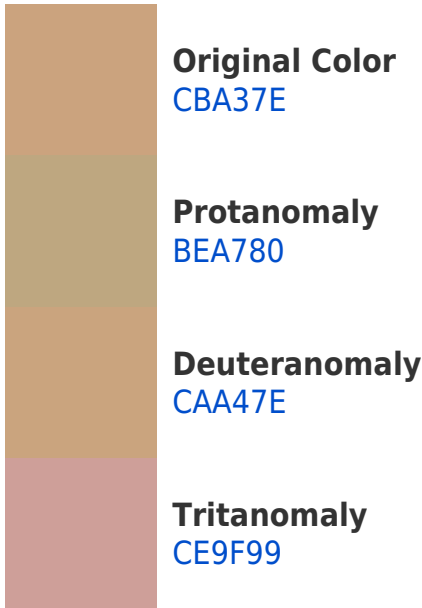
Protanopia
B7AA81

Deuteranopia
CAA47E

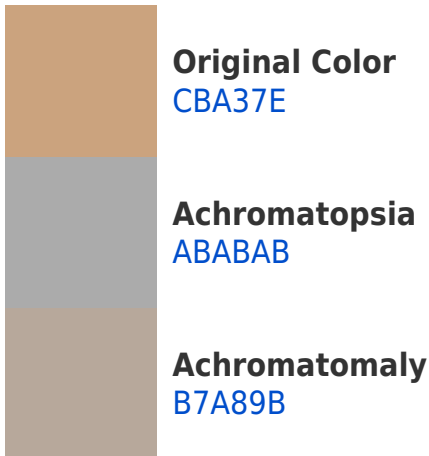


Tritanopia
CF9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA37E 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 #CBA37E looks like.

```
.text, #text, p{  
    color:#CBA37E  
}
```

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 #CBA37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA37E
}
```

Border

The CSS property to change the border of an element to Hex CBA37E 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
#CBA37E }
```

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

```
.border{ border-color:#CBA37E }
```

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

Here you see how a box with a 4 pixel #CBA37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA37E; -webkit-box-shadow:4px 4px  
4px 4px #CBA37E; box-shadow:4px 4px 4px  
4px #CBA37E }
```

Background

The CSS property to change the background color of an element to Hex CBA37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA37E }
```

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

```
.background{ background-color:#CBA37E }
```

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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