

# Converting Colors

Hex(CEB482)

Have a look what the booklet for  
Hex(CEB482) contains.

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# **Color**

**Hex(CEB482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB482
RGB	206, 180, 130
RGB Percent	81%, 71%, 51%
CMY	0.1922, 0.2941, 0.4902
CMYK	0.00, 0.13, 0.37, 0.19
HSL	39°, 44%, 66%
HSV	39°, 37%, 81%
XYZ	45.8041, 47.3760, 27.8494
YIQ	182.0740, 31.5460, -10.0380

# Conversions

## Conversions Part 2

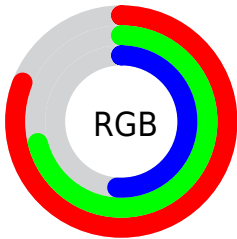
Format	Color
<a href="#">RYB</a>	<a href="#">170, 206, 130</a>
Decimal	<a href="#">13546626</a>
CIELab	<a href="#">74.43, 2.22, 28.96</a>
CIELCh	<a href="#">74, 29.044, 85.611</a>
Yxy	<a href="#">47.3760, 0.3785, 0.3914</a>
Android (android.graphics.Color)	<a href="#">4291736706</a> ( <a href="#">0xFFCEB482</a> )
YUV	<a href="#">182.0740, -25.6725, 20.9831</a>
Hunter-Lab	<a href="#">68.8303, -1.6674, 24.1918</a>

# Details

The Hex color **CEB482** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **829CCE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFECB7**, and **967F50** is the 20% darker color. If you saturate the color by 10%, you get **CEAD6D**, and if you desaturate by 10%, it is **CEBB97**.

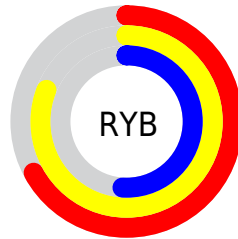
# Distribution



Red (81%)

Green (71%)

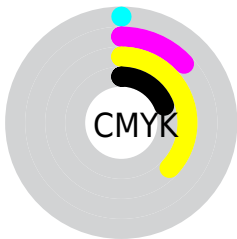
Blue (51%)



Red (67%)

Yellow (81%)

Blue (51%)

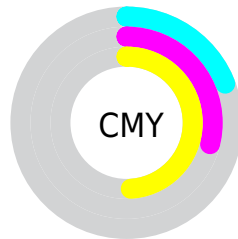


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB482 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 CEB482 by changing the saturation by 10% instead.





CEB482



CEB482

FFFFFF



B29969



FFECB7



967F50



FFFFD3



7C6638



FFFFF0



624F22



49380B



312200



180D00



000000



CEB482



CEB482

 CEAD6D

 CEBB97

 CEA659

 CEC2AB

 CE9F44

 CEC9C0

 CE9830

 CED0D4

 CE911B

 CED7E9

 CE8A06

 CEDEFE

 CE8800

 CEE5FF

 CEECFE

 CEF3FF

# Harmonies

## Analogous

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



E3AB8C



CEB482



B2BC86

# Triad

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



CEB482



66C6CD



D6A9D6

# Complementary

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



CEB482



829CCE

# 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.



B6B2E7



CEB482



6FC2E2

# Square

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



CEB482



77C6B2



90BBEC



E9A4BC

# Rectangle

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



CEB482



9EC191



90BBEC



CCABDD



# Sweetspot

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



CEB482



FFF5E3



CE829D



807A6F



000000



808080



# Same Dimension

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



CEB482



FFD98F



C3CE82



66635C



A66D00



261900



# Inverse Universe

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



829CCE



8FB5FF



8D82CE



5C5F66



0039A6



000D26



# Previews

## White Background



This preview shows how the Hex color CEB482 looks on a white background.

## Color Contrast Check

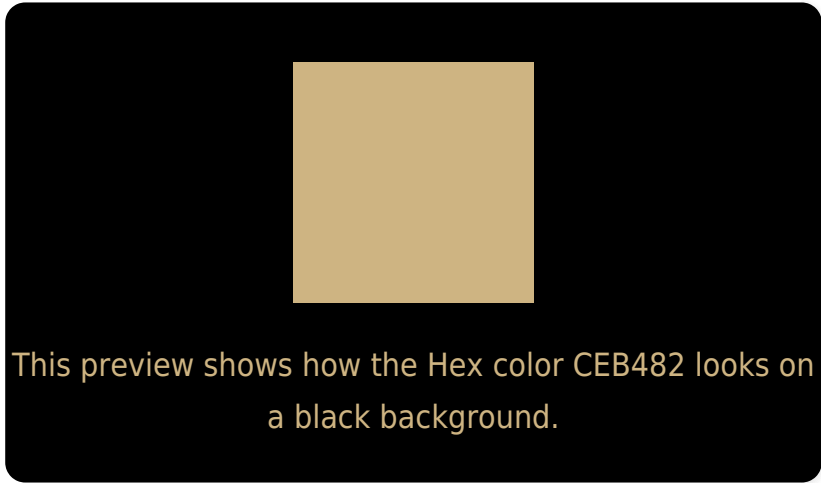
Large Text (above 18pt) WCAG AA × Fail

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

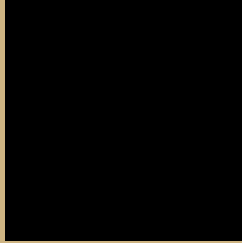
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEB482 Background



This preview shows how black text looks on a background with the Hex color CEB482.

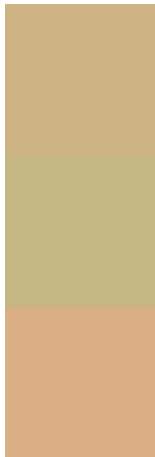


This preview shows how white text looks on a background with the Hex color CEB482.

# 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**  
CEB482

**Protanopia**  
C5B783

**Deuteranopia**  
DAAF83

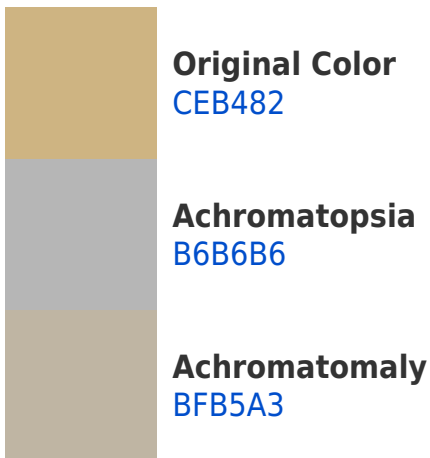


**Tritanopia**  
D4ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB482 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 #CEB482 looks like.

```
.text, #text, p{  
    color:#CEB482  
}
```

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 #CEB482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB482
}
```

## Border

The CSS property to change the border of an element to Hex CEB482 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
#CEB482 }
```

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

```
.border{ border-color:#CEB482 }
```

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

Here you see how a box with a 4 pixel #CEB482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB482; -webkit-box-shadow:4px 4px  
4px 4px #CEB482; box-shadow:4px 4px 4px  
4px #CEB482 }
```

# Background

The CSS property to change the background color of an element to Hex CEB482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB482 }
```

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

```
.background{ background-color:#CEB482 }
```

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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