

# Converting Colors

Hex(CEA577)

Have a look what the booklet for  
Hex(CEA577) contains.

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# **Color**

**Hex(CEA577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA577
RGB	206, 165, 119
RGB Percent	81%, 65%, 47%
CMY	0.1922, 0.3529, 0.5333
CMYK	0.00, 0.20, 0.42, 0.19
HSL	32°, 47%, 64%
HSV	32°, 42%, 81%
XYZ	42.2385, 41.3640, 23.2106
YIQ	172.0150, 39.2020, -5.6140

# Conversions

## Conversions Part 2

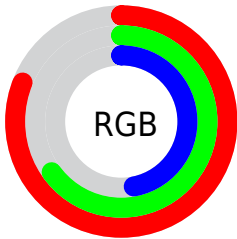
Format	Color
<a href="#">RYB</a>	<a href="#">197, 206, 119</a>
Decimal	<a href="#">13542775</a>
CIELab	<a href="#">70.43, 9.01, 29.54</a>
CIELCh	<a href="#">70, 30.888, 73.033</a>
Yxy	<a href="#">41.3640, 0.3954, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4291732855 (0xFFCEA577)</a>
YUV	<a href="#">172.0150, -26.1364, 29.8048</a>
Hunter-Lab	<a href="#">64.3148, 4.6782, 23.6232</a>

# Details

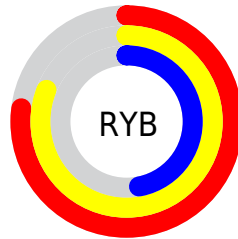
The Hex color **CEA577** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77A0CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDCAC**, and **967146** is the 20% darker color. If you saturate the color by 10%, you get **CE9B62**, and if you desaturate by 10%, it is **CEAF8C**.

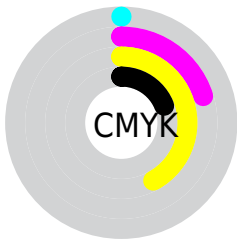
# Distribution



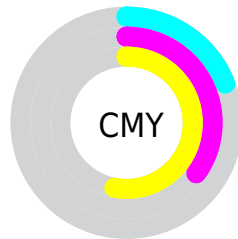
- Red (81%)
- Green (65%)
- Blue (47%)



- Red (77%)
- Yellow (81%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA577 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 CEA577 by changing the saturation by 10% instead.



 CEA577

 CEA577

FFFFFF

 B28B5E

 FFDCAC

 967146

 FFF8C7

 7B592F

 FFFFE3

 604118

 472B00

 2E1700

 160000

 000000

 CEA577

 CEA577

 CE9B62

 CEA8F8C

 CE924E

 CEB8A0

 CE8839

 CEC2B5

 CE7E25

 CECCC9

 CE7410

 CED6DE

 CE6D00

 CEDFF3

 CEE9FF

 CEF3FF

 CEFCFF

# Harmonies

## Analogous

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



E09C87



CEA577



B4AE75

# Triad

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



CEA577



57BCB8



C0A1D5

# Complementary

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



CEA577



77A0CE

# 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.



9AABE3



CEA577



53B9D2

# Square

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



CEA577



73BB9B



70B4E1



DA99BD

# Rectangle

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



CEA577



9FB47C



70B4E1



B4A4DB

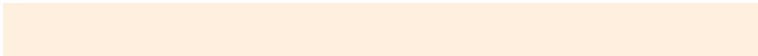


# Sweetspot

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



CEA577



FFEFDE



CE77A1



80766B



000000



808080



# Same Dimension

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



CEA577



FFC27D



CDCE77



66615C



A65800



261400

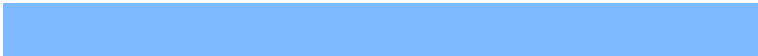


# Inverse Universe

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



77A0CE



7DBAFF



7877CE



5C6166



004EA6



001226



# Previews

## White Background



This preview shows how the Hex color CEA577 looks on a white background.

## Color Contrast Check

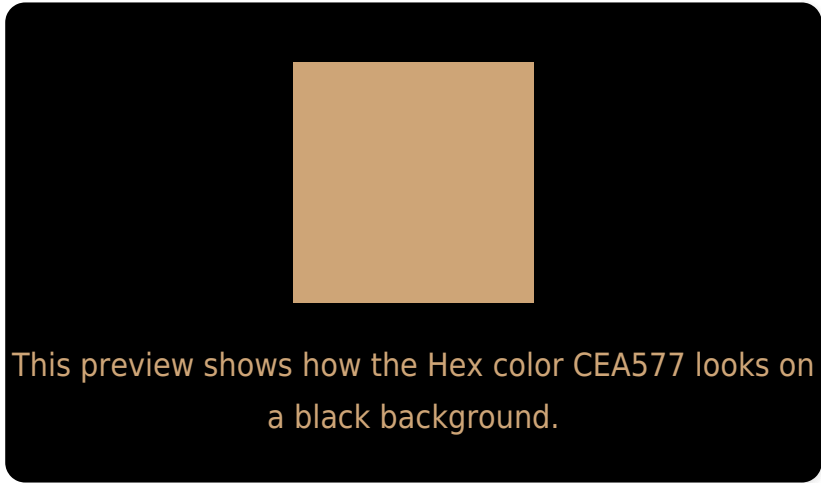
Large Text (above 18pt) WCAG AA × Fail

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

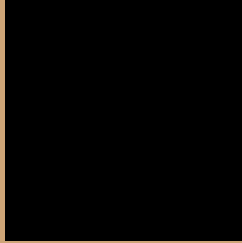
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEA577 Background



This preview shows how black text looks on a background with the Hex color CEA577.

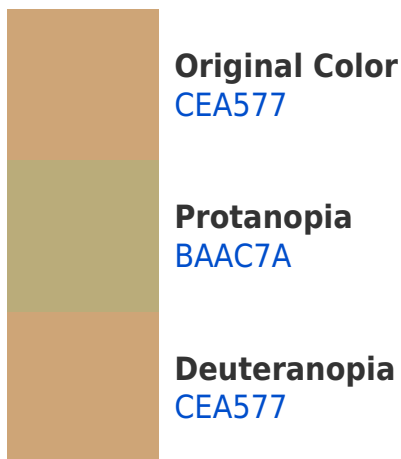


This preview shows how white text looks on a background with the Hex color CEA577.

# 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](#).

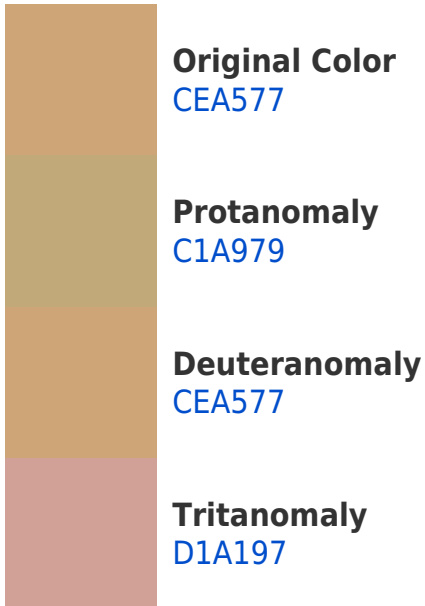
## Dichromacy



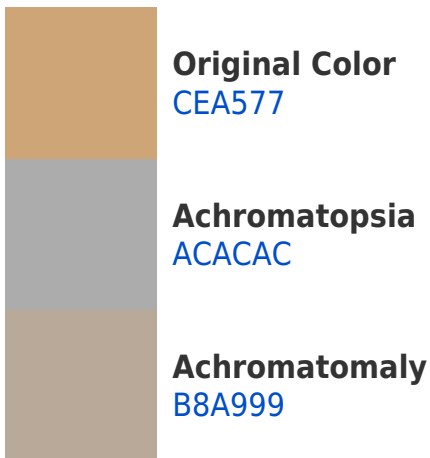


**Tritanopia**  
D39EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA577 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 #CEA577 looks like.

```
.text, #text, p{  
    color:#CEA577  
}
```

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 #CEA577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA577  
}
```

## Border

The CSS property to change the border of an element to Hex CEA577 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  
#CEA577 }
```

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

```
.border{ border-color:#CEA577 }
```

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

Here you see how a box with a 4 pixel #CEA577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA577; -webkit-box-shadow:4px 4px  
4px 4px #CEA577; box-shadow:4px 4px 4px  
4px #CEA577 }
```

# Background

The CSS property to change the background color of an element to Hex CEA577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA577 }
```

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

```
.background{ background-color:#CEA577 }
```

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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