

# Converting Colors

Hex(CEAF47)

Have a look what the booklet for  
Hex(CEAF47) contains.

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# **Color**

**Hex(CEAF47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEAF47
RGB	206, 175, 71
RGB Percent	81%, 69%, 28%
CMY	0.1922, 0.3137, 0.7216
CMYK	0.00, 0.15, 0.66, 0.19
HSL	46°, 58%, 54%
HSV	46°, 66%, 81%
XYZ	41.9209, 44.2367, 12.2903
YIQ	172.4130, 51.8600, -25.7720

# Conversions

## Conversions Part 2

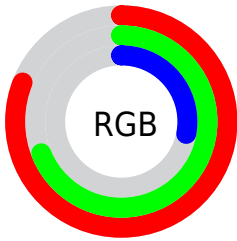
Format	Color
<a href="#">RYB</a>	<a href="#">111, 206, 71</a>
Decimal	<a href="#">13545287</a>
CIELab	<a href="#">72.39, -0.38, 55.73</a>
CIELCh	<a href="#">72, 55.735, 90.388</a>
Yxy	<a href="#">44.2367, 0.4258, 0.4493</a>
Android (android.graphics.Color)	<a href="#">4291735367 (0xFFCEAF47)</a>
YUV	<a href="#">172.4130, -49.9966, 29.4558</a>
Hunter-Lab	<a href="#">66.5107, -3.8872, 35.6015</a>

# Details

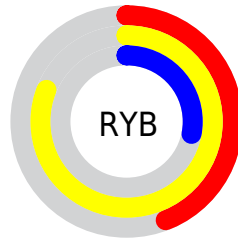
The Hex color **CEAF47** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4766CE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE67C**, and **947B0C** is the 20% darker color. If you saturate the color by 10%, you get **CEAA32**, and if you desaturate by 10%, it is **CEB45C**.

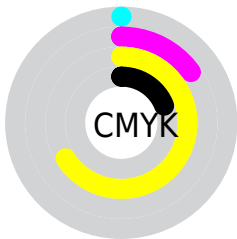
# Distribution



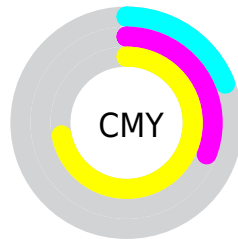
- Red (81%)
- Green (69%)
- Blue (28%)



- Red (44%)
- Yellow (81%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA47 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 CEA47 by changing the saturation by 10% instead.



 CEA47

 CEA47

FFFFFF

 B1952C

 FFE67C

 947B0C

 FFFF97

 786200

 FFFFB3

 5E4B00

 FFFFCE

 423400

 FFFFEC

 292000

 0C0900

 000000

 CEA47

 CEA47

■ CEA32

■ CEB45C

■ CEA61E

■ CEB870

■ CEA109

■ CEBD85

■ CE9F00

■ CEC299

■ CEC7AE

■ CECBC3

■ CED0D7

■ CED5EC

■ CEDAFF

# Harmonies

## Analogous

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



F69C59



CEAF47



9ABE55

# Triad

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



CEAF47



00CAE4



F190E5

# Complementary

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



CEAF47



4766CE

# 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.



B5A4FF



CEAF47



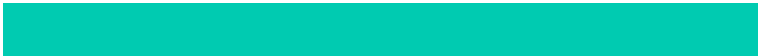
00C4FF

# Square

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



CEAF47



00CBB1



4DB7FF



FF85B3

# Rectangle

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



CEAF47



70C46E



4DB7FF



E096F3



# Sweetspot

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



CEAF47



FFF3CC



CE4767



807861



000000



808080



# Same Dimension

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



CEAF47



FFD136



AACE47



66645C



A68000



261D00



# Inverse Universe

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



4766CE



3664FF



6B47CE



5C5E66



0026A6



000926



# Previews

## White Background



This preview shows how the Hex color `CEAF47` looks on a white background.

## Color Contrast Check

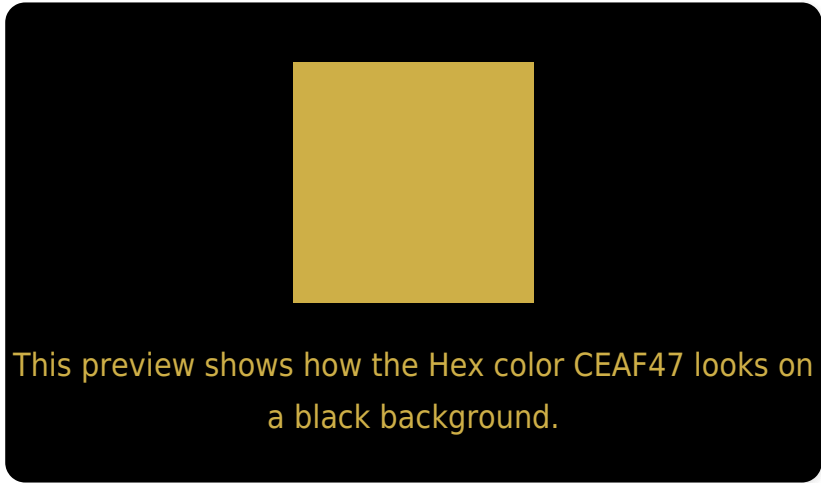
Large Text (above 18pt) WCAG AA × Fail

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 CEAF47 Background



This preview shows how black text looks on a background with the Hex color CEAF47.

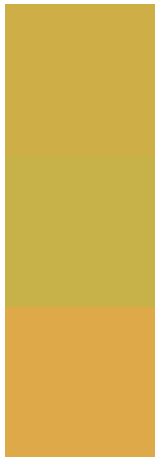


This preview shows how white text looks on a background with the Hex color CEAF47.

# 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**  
CEAF47

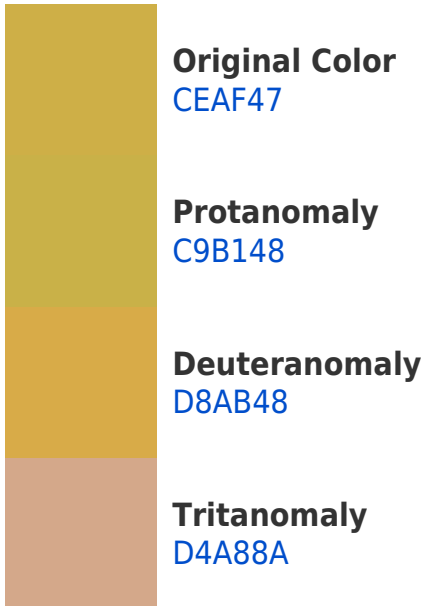
**Protanopia**  
C6B248

**Deuteranopia**  
DDA949

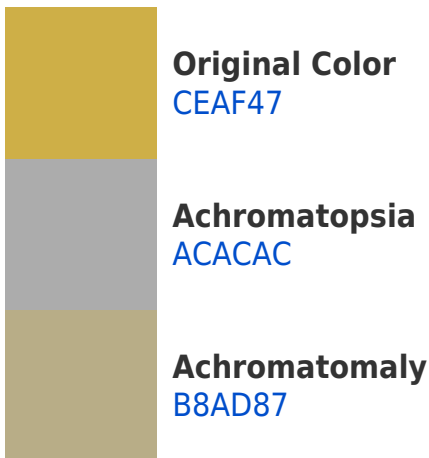


**Tritanopia**  
D7A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEAF47 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 #CEAF47 looks like.

```
.text, #text, p{  
    color:#CEAF47  
}
```

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 #CEAF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAF47  
}
```

## Border

The CSS property to change the border of an element to Hex CEAF47 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  
#CEAF47 }
```

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

```
.border{ border-color:#CEAF47 }
```

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

Here you see how a box with a 4 pixel #CEAF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAF47; -webkit-box-shadow:4px 4px  
4px 4px #CEAF47; box-shadow:4px 4px 4px  
4px #CEAF47 }
```

# Background

The CSS property to change the background color of an element to Hex CEAF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAF47 }
```

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

```
.background{ background-color:#CEAF47 }
```

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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