

# Converting Colors

Hex(CEAD00)

Have a look what the booklet for  
Hex(CEAD00) contains.

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**Color**

**Hex(CEAD00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEAD00
RGB	206, 173, 0
RGB Percent	81%, 68%, 0%
CMY	0.1922, 0.3216, 1.0000
CMYK	0.00, 0.16, 1.00, 0.19
HSL	50°, 100%, 40%
HSV	50°, 100%, 81%
XYZ	40.3972, 43.0090, 6.1724
YIQ	163.1450, 75.2010, -46.8070

# Conversions

## Conversions Part 2

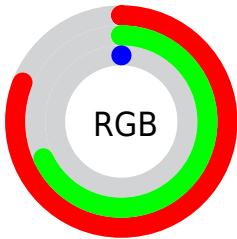
Format	Color
R <sub>Y</sub> B	39, 206, 0
Decimal	13544704
CIE Lab	71.56, -1.49, 74.14
CIE LCh	72, 74.153, 91.150
Yxy	43.0090, 0.4510, 0.4801
Android (android.graphics.Color)	4291734784 (0xFFCEAD00)
YUV	163.1450, -80.4305, 37.5838
Hunter-Lab	65.5812, -4.8135, 40.3266

# Details

The Hex color **CEAD00** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0021CE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE44F**, and **937900** is the 20% darker color. If you saturate the color by 10%, you get **CEAD00**, and if you desaturate by 10%, it is **CEB015**.

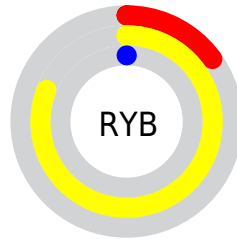
# Distribution



Red (81%)

Green (68%)

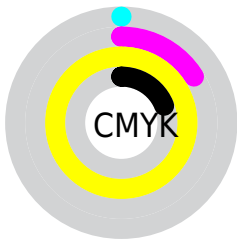
Blue (0%)



Red (15%)

Yellow (81%)

Blue (0%)

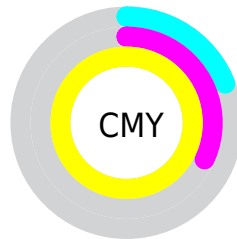


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (32%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEAD00 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 CEAD00 by changing the saturation by 10% instead.



 CEAD00

 CEAD00

FFFFFF

 B09300

 FFE44F

 937900

 FFFF6B

 766100

 FFFF88

 5A4900

 FFFFA4

 3F3300

 FFFFC1

 261E00

 FFFFDE

 050700

 FFFFFB

 000000

 CEAD00

 CEB015

 CEB429

 CEB73E

 CEBA52

 CEBE67

 CEC17C

 CEC490

 CEC7A5

 CECBB9

# Harmonies

## Analogous

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



FF9333



CEAD00



8ABF2C

# Triad

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



CEAD00



00CEF4



FF7DF2

# Complementary

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



CEAD00



0021CE

# 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.



B19CFF



CEAD00



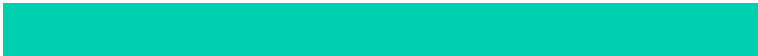
00C7FF

# Square

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



CEAD00



00CFB0



00B6FF



FF6BB0

# Rectangle

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



CEAD00



49C755



00B6FF



ED87FF



# Sweetspot

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



CEAD00



FFF3B3



CE0022



807852



000000



808080



# Same Dimension

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



CEAD00



FFD600



89CE00



66645C



A68B00



262000



# Inverse Universe

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



0021CE



0029FF



4500CE



5C5D66



001BA6

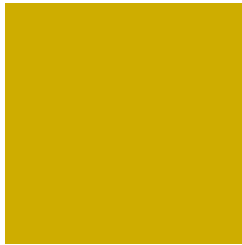


000626



# Previews

## White Background



This preview shows how the Hex color CEAD00 looks on a white background.

## Color Contrast Check

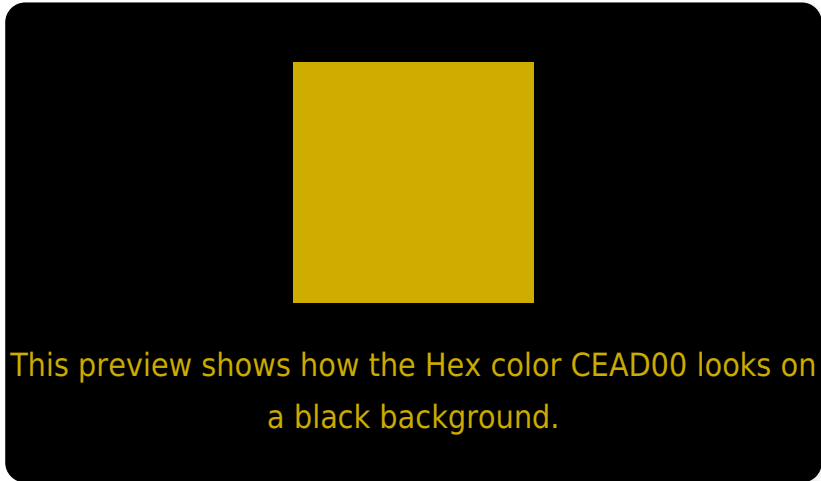
Large Text (above 18pt) WCAG AA × Fail

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 CEAD00 Background



This preview shows how black text looks on a background with the Hex color CEAD00.

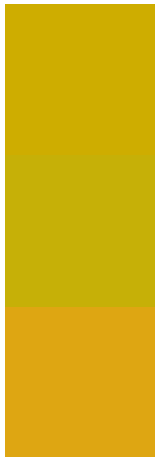


This preview shows how white text looks on a background with the Hex color CEAD00.

# 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**  
CEAD00

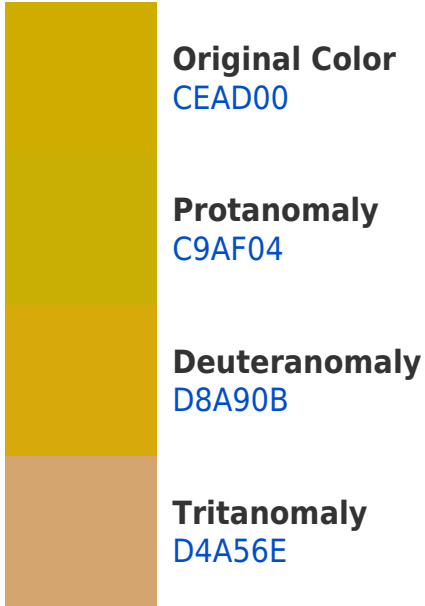
**Protanopia**  
C6B007

**Deuteranopia**  
DEA612

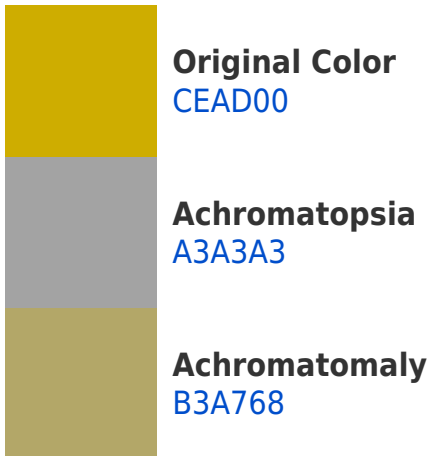


**Tritanopia**  
D7A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEAD00 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 #CEAD00 looks like.

```
.text, #text, p{  
    color:#CEAD00  
}
```

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 #CEAD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAD00  
}
```

## Border

The CSS property to change the border of an element to Hex CEAD00 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  
#CEAD00 }
```

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

```
.border{ border-color:#CEAD00 }
```

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

Here you see how a box with a 4 pixel #CEAD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAD00; -webkit-box-shadow:4px 4px  
4px 4px #CEAD00; box-shadow:4px 4px 4px  
4px #CEAD00 }
```

# Background

The CSS property to change the background color of an element to Hex CEAD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAD00 }
```

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

```
.background{ background-color:#CEAD00 }
```

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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