

# Converting Colors

Hex(CEB036)

Have a look what the booklet for  
Hex(CEB036) contains.

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**Color**

**Hex(CEB036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB036
RGB	206, 176, 54
RGB Percent	81%, 69%, 21%
CMY	0.1922, 0.3098, 0.7882
CMYK	0.00, 0.15, 0.74, 0.19
HSL	48°, 61%, 51%
HSV	48°, 74%, 81%
XYZ	41.6448, 44.4388, 9.8727
YIQ	171.0620, 57.0420, -31.5820

# Conversions

## Conversions Part 2

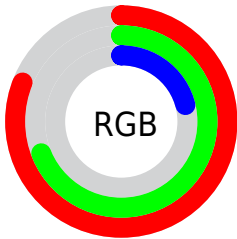
Format	Color
<b>RYB</b>	91, 206, 54
Decimal	13545526
CIELab	72.52, -1.79, 62.77
CIELCh	73, 62.797, 91.637
Yxy	44.4388, 0.4340, 0.4631
Android (android.graphics.Color)	4291735606 (0xFFCEB036)
YUV	171.0620, -57.7116, 30.6406
Hunter-Lab	66.6624, -5.1483, 37.8829

# Details

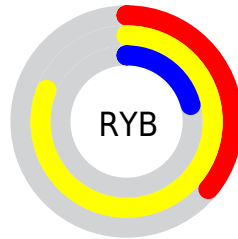
The Hex color **CEB036** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3654CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE76D**, and **947C00** is the 20% darker color. If you saturate the color by 10%, you get **CEAC21**, and if you desaturate by 10%, it is **CEB44B**.

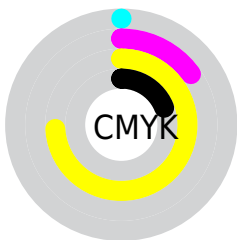
# Distribution



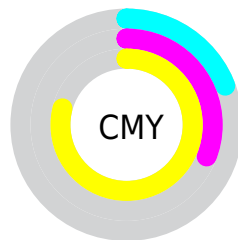
- Red (81%)
- Green (69%)
- Blue (21%)



- Red (36%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB036 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 CEB036 by changing the saturation by 10% instead.



 CEB036

 CEB036

FFFFFF

 B19616

 FFE76D

 947C00

 FFFF88

 776300

 FFFFA4

 5C4C00

 FFFF00

 413500

 FFFFDD

 282000

 FFFFFA

 0A0A00

 000000

 CEB036

 CEB036

 CEAC21

 CEB44B

 CEA80D

 CEB85F

 CEA500

 CEBC74

 CEC088

 CEC49D

 CEC8B2

 CECCC6

 CED1DB

 CED5EF

# Harmonies

## Analogous

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



FC9B4C



CEB036



94C049

# Triad

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



CEB036



00CDED



FA8AE9

# Complementary

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



CEB036



3654CE

# 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.



B8A1FF



CEB036



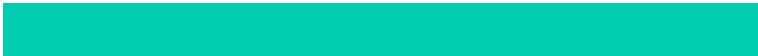
00C6FF

# Square

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



CEB036



00CEB3



2EB7FF



FF7DB1

# Rectangle

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



CEB036



62C767



2EB7FF



E891FA



# Sweetspot

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



CEB036



FFF4C7



CE3654



80795E



000000



808080



# Same Dimension

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



CEB036



FFD21C



A0CE36



66645C



A68500



261F00



# Inverse Universe

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



3654CE



1C49FF



6436CE



5C5E66



0021A6



000826



# Previews

## White Background



This preview shows how the Hex color CEB036 looks on a white background.

## Color Contrast Check

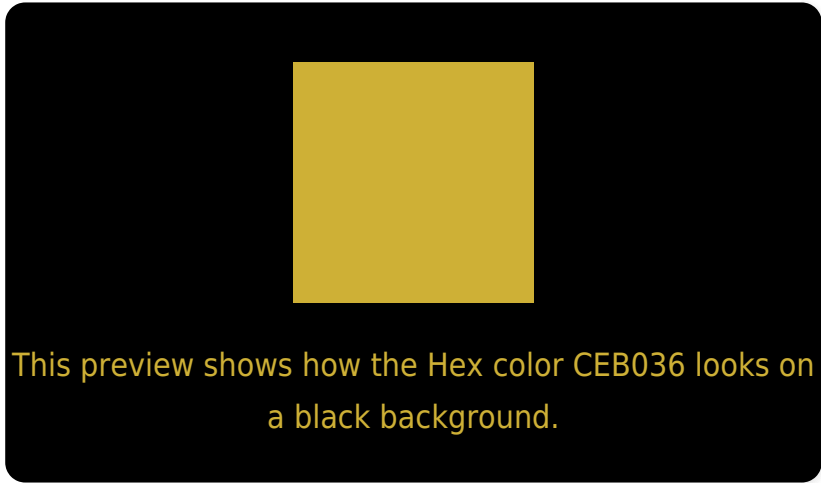
Large Text (above 18pt) WCAG AA × Fail

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 CEB036 Background



This preview shows how black text looks on a background with the Hex color CEB036.

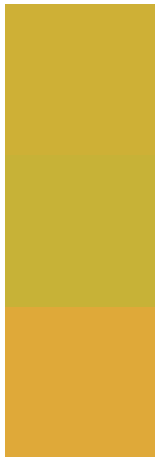


This preview shows how white text looks on a background with the Hex color CEB036.

# 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**  
CEB036

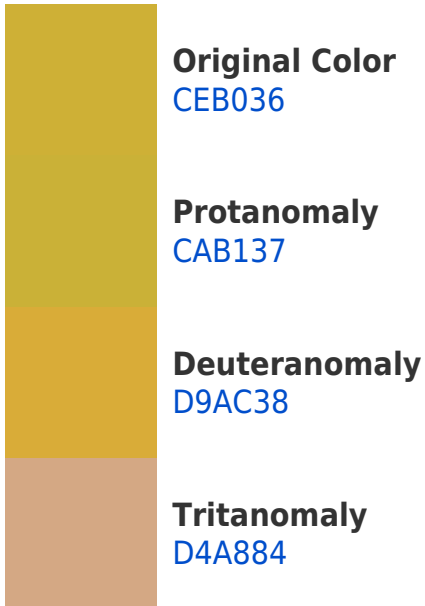
**Protanopia**  
C7B237

**Deuteranopia**  
DFA939



**Tritanopia**  
D7A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB036 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 #CEB036 looks like.

```
.text, #text, p{  
    color:#CEB036  
}
```

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 #CEB036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB036
}
```

## Border

The CSS property to change the border of an element to Hex CEB036 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
#CEB036 }
```

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

```
.border{ border-color:#CEB036 }
```

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

Here you see how a box with a 4 pixel #CEB036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB036; -webkit-box-shadow:4px 4px  
4px 4px #CEB036; box-shadow:4px 4px 4px  
4px #CEB036 }
```

# Background

The CSS property to change the background color of an element to Hex CEB036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB036 }
```

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

```
.background{ background-color:#CEB036 }
```

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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