

# Converting Colors

Hex(CEB51E)

Have a look what the booklet for  
Hex(CEB51E) contains.

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**Color**

**Hex(CEB51E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB51E
RGB	206, 181, 30
RGB Percent	81%, 71%, 12%
CMY	0.1922, 0.2902, 0.8824
CMYK	0.00, 0.12, 0.85, 0.19
HSL	51°, 75%, 46%
HSV	51°, 85%, 81%
XYZ	42.2118, 46.2633, 7.9332
YIQ	171.2610, 63.3710, -41.6610

# Conversions

## Conversions Part 2

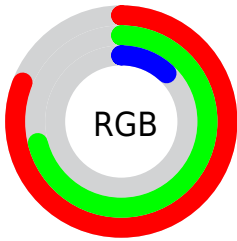
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 206, 30
Decimal	13546782
CIELab	73.72, -5.23, 71.15
CIELCh	74, 71.342, 94.204
Yxy	46.2633, 0.4378, 0.4799
Android (android.graphics.Color)	4291736862 (0xFFCEB51E)
YUV	171.2610, -69.6417, 30.4661
Hunter-Lab	68.0171, -8.2519, 40.6967

# Details

The Hex color **CEB51E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1E37CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFEC5C**, and **938100** is the 20% darker color. If you saturate the color by 10%, you get **CEB209**, and if you desaturate by 10%, it is **CEB833**.

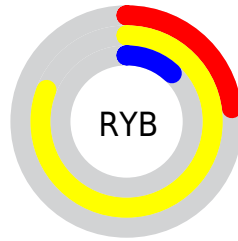
# Distribution



Red (81%)

Green (71%)

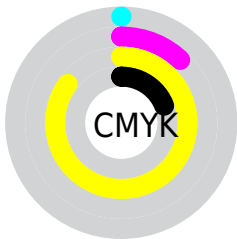
Blue (12%)



Red (23%)

Yellow (81%)

Blue (12%)

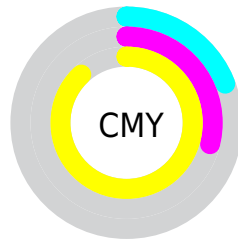


Cyan (0%)

Magenta (12%)

Yellow (85%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB51E 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 CEB51E by changing the saturation by 10% instead.





CEB51E



CEB51E

FFFFFF



B09A00



FFEC5C



938100



FFFF78



776800



FFFF94



5B5000



FFFFB1



403900



FFFFCD



272400



FFFFEB



071000



000000



CEB51E



CEB51E

■ CEB209

■ CEB833

■ CEB100

■ CEBB47

■ CEBE5C

■ CEC170

■ CEC485

■ CEC79A

■ CEC9AE

■ CEECCC3

■ CEECFD7

# Harmonies

## Analogous

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



FF9D3A



CEB51E



8AC63F

# Triad

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



CEB51E



00D3FD



FF83EF

# Complementary

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



CEB51E



1E37CE

# 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.



C2A0FF



CEB51E



00CBFF

# Square

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



CEB51E



00D4BD



00BAFF



FF76AF

# Rectangle

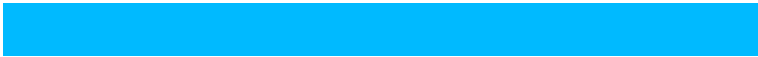
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEB51E



49CE64



00BAFF



F88CFF



# Sweetspot

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



CEB51E



FFF6BD



CE1E38



807A58



000000



808080



# Same Dimension

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



CEB51E



FFDB00



90CE1E



66655C



A68E00



262100



# Inverse Universe

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



1E37CE



0024FF



5C1ECE



5C5D66



0018A6



000526



# Previews

## White Background



This preview shows how the Hex color CEB51E looks on a white background.

## Color Contrast Check

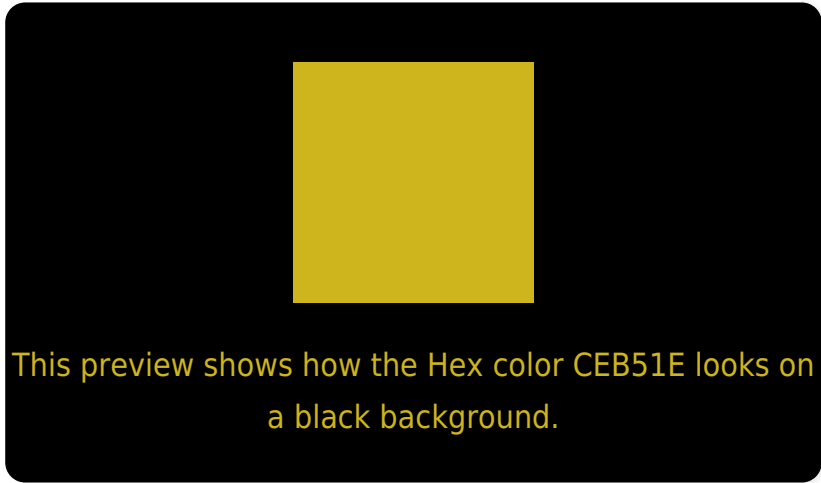
Large Text (above 18pt) WCAG AA × Fail

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 CEB51E Background



This preview shows how black text looks on a background with the Hex color CEB51E.

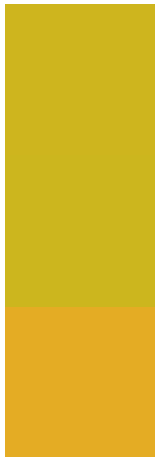


This preview shows how white text looks on a background with the Hex color CEB51E.

# 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**  
CEB51E

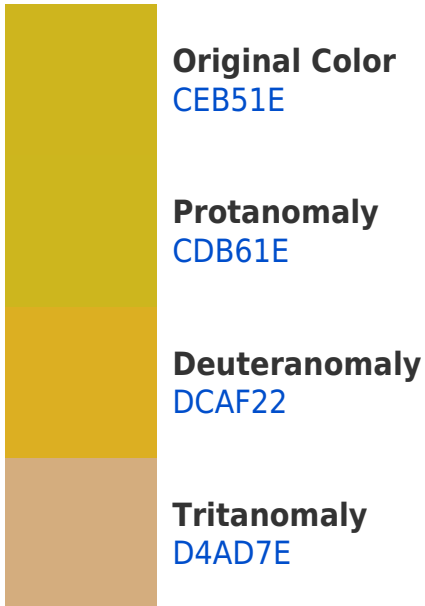
**Protanopia**  
CCB61E

**Deuteranopia**  
E4AC24



**Tritanopia**  
D8A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB51E 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 #CEB51E looks like.

```
.text, #text, p{  
    color:#CEB51E  
}
```

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 #CEB51E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB51E
}
```

## Border

The CSS property to change the border of an element to Hex CEB51E 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
#CEB51E }
```

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

```
.border{ border-color:#CEB51E }
```

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

Here you see how a box with a 4 pixel #CEB51E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB51E; -webkit-box-shadow:4px 4px  
4px 4px #CEB51E; box-shadow:4px 4px 4px  
4px #CEB51E }
```

# Background

The CSS property to change the background color of an element to Hex CEB51E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB51E }
```

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

```
.background{ background-color:#CEB51E }
```

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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