

Converting Colors

Hex(CEB21F)

Have a look what the booklet for
Hex(CEB21F) contains.

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Color

Hex(CEB21F)

Conversions

Conversions Part 1

Format	Color
Hex	CEB21F
RGB	206, 178, 31
RGB Percent	81%, 70%, 12%
CMY	0.1922, 0.3020, 0.8784
CMYK	0.00, 0.14, 0.85, 0.19
HSL	50°, 74%, 46%
HSV	50°, 85%, 81%
XYZ	41.6213, 45.0615, 7.8004
YIQ	169.6140, 63.8750, -39.7810

Conversions

Conversions Part 2

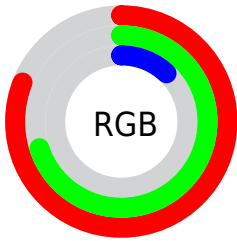
Format	Color
RYB	64, 206, 31
Decimal	13546015
CIELab	72.93, -3.64, 70.27
CIELCh	73, 70.361, 92.965
Yxy	45.0615, 0.4405, 0.4769
Android (android.graphics.Color)	4291736095 (0xFFCEB21F)
YUV	169.6140, -68.3367, 31.9105
Hunter-Lab	67.1279, -6.7984, 40.0999

Details

The Hex color **CEB21F** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1F3BCE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE95C**, and **937E00** is the 20% darker color. If you saturate the color by 10%, you get **CEAF0A**, and if you desaturate by 10%, it is **CEB534**.

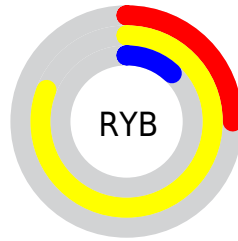
Distribution



Red (81%)

Green (70%)

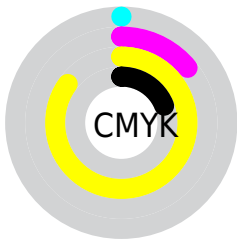
Blue (12%)



Red (25%)

Yellow (81%)

Blue (12%)

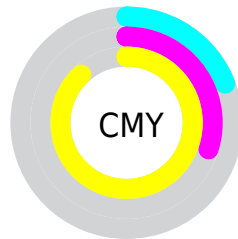


Cyan (0%)

Magenta (14%)

Yellow (85%)

Black (19%)



Cyan (19%)

Magenta (30%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEB21F 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 CEB21F by changing the saturation by 10% instead.



CEB21F



CEB21F

FFFFFF



B09700



FFE95C



937E00



FFFF78



776500



FFFF94



5B4D00



FFFFB0



403700



FFFFCD



272200



FFFEEA



070D00



000000



CEB21F



CEB21F

■ CEAFOA

■ CEB534

■ CEAD00

■ CEB948

■ CEBC5D

■ CEBF71

■ CEC286

■ CEC69B

■ CEC9AF

■ CECCC4

■ CED0D8

Harmonies

Analogous

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



FF9A3C



CEB21F



8CC33D

Triad

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



CEB21F



00D0F8



FF83EF

Complementary

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



CEB21F



1F3BCE

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.



BC9FFF



CEB21F



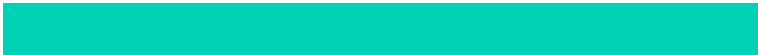
00C9FF

Square

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



CEB21F



00D2B8



00B8FF



FF75AF

Rectangle

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



CEB21F



4FCB61



00B8FF



F28CFF

Sweetspot

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



CEB21F



FFF5BF



CE1F3C



807959



000000



808080

Same Dimension

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



CEB21F



FFD600



94CE1F



66645C



A68B00



262000

Inverse Universe

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



1F3BCE



0029FF



591FCE



5C5D66



001BA6



000626

Previews

White Background



This preview shows how the Hex color CEB21F looks on a white background.

Color Contrast Check

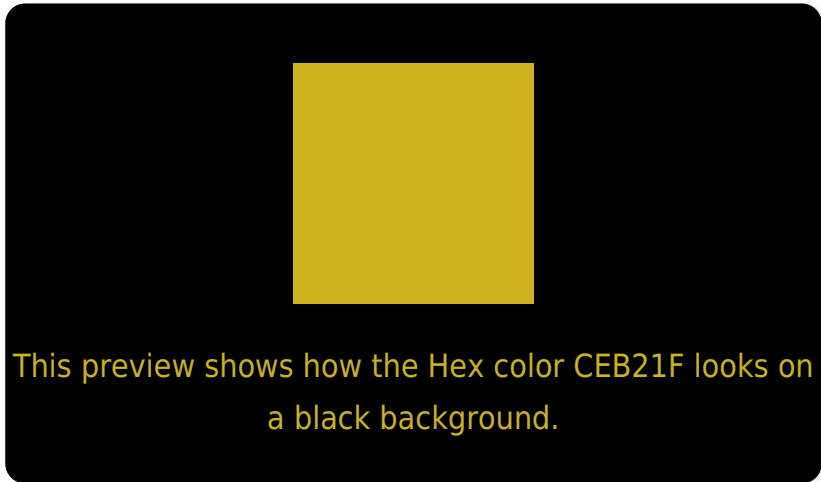
Large Text (above 18pt) WCAG AA × Fail

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 CEB21F Background



This preview shows how black text looks on a background with the Hex color CEB21F.



This preview shows how white text looks on a background with the Hex color CEB21F.

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
CEB21F

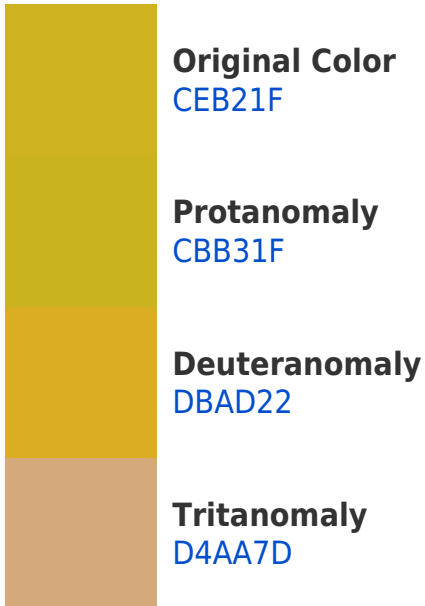
Protanopia
CAB41F

Deuteranopia
E2AA24

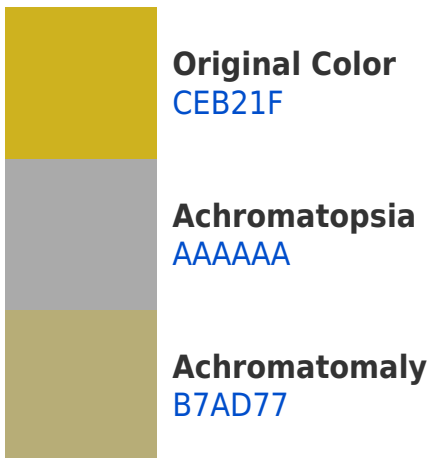


Tritanopia
D8A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEB21F 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 #CEB21F looks like.

```
.text, #text, p{  
    color:#CEB21F  
}
```

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 #CEB21F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB21F
}
```

Border

The CSS property to change the border of an element to Hex CEB21F 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
#CEB21F }
```

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

```
.border{ border-color:#CEB21F }
```

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

Here you see how a box with a 4 pixel #CEB21F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB21F; -webkit-box-shadow:4px 4px  
4px 4px #CEB21F; box-shadow:4px 4px 4px  
4px #CEB21F }
```

Background

The CSS property to change the background color of an element to Hex CEB21F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB21F }
```

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

```
.background{ background-color:#CEB21F }
```

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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