

# Converting Colors

Hex(CEA02F)

Have a look what the booklet for  
Hex(CEA02F) contains.

<b>Hex(CEA02F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CEA02F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA02F
RGB	206, 160, 47
RGB Percent	81%, 63%, 18%
CMY	0.1922, 0.3725, 0.8157
CMYK	0.00, 0.22, 0.77, 0.19
HSL	43°, 63%, 50%
HSV	43°, 77%, 81%
XYZ	38.5375, 38.4687, 8.0834
YIQ	160.8720, 63.6890, -25.3910

# Conversions

## Conversions Part 2

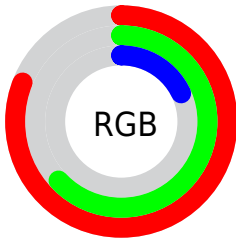
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 206, 47
Decimal	13541423
CIE Lab	68.36, 6.43, 61.40
CIE LCh	68, 61.735, 84.021
Yxy	38.4687, 0.4529, 0.4521
Android (android.graphics.Color)	4291731503 (0xFFCEA02F)
YUV	160.8720, -56.1389, 39.5773
Hunter-Lab	62.0231, 2.3689, 35.6890

# Details

The Hex color **CEA02F** 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 **2F5DCE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD665**, and **936D00** is the 20% darker color. If you saturate the color by 10%, you get **CE9A1A**, and if you desaturate by 10%, it is **CEA644**.

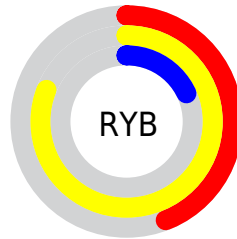
# Distribution



Red (81%)

Green (63%)

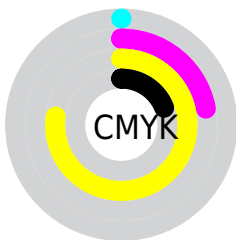
Blue (18%)



Red (44%)

Yellow (81%)

Blue (18%)

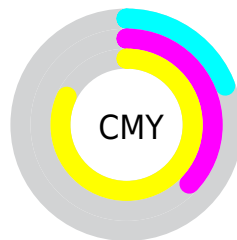


Cyan (0%)

Magenta (22%)

Yellow (77%)

Black (19%)



Cyan (19%)

Magenta (37%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA02F 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 CEA02F by changing the saturation by 10% instead.





CEA02F



CEA02F

FFFFFF



B0860D



FFD665



936D00



FFF380



775500



FFFF9C



5B3E00



FFFF80



402800



FFFFD4



271400



FFFFF1



000000



CEA02F



CEA02F



CE9A1A



CEA644

 CE9406

 CEAC58

 CE9200

 CEB26D

 CEB881

 CEBE96

 CEC4AB

 CECABF

 CED0D4

 CED6E8

# Harmonies

## Analogous

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



F68A4D



CEA02F



99B138

# Triad

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



CEA02F



00C1D3



E085E9

# Complementary

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



CEA02F



2F5DCE

# 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.



959DFF



CEA02F



00BCFF

# Square

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



CEA02F



00C199



00B0FF



FF74B4

# Rectangle

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



CEA02F



6DB952



00B0FF



CB8DF7



# Sweetspot

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



CEA02F



FFEEC4



CE2F5F



80755C



000000



808080



# Same Dimension

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



CEA02F



FFBA12



AECE2F



66635C



A67600



261B00



# Inverse Universe

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



2F5DCE



1256FF



4F2FCE



5C5F66



0030A6



000B26



# Previews

## White Background



This preview shows how the Hex color CEA02F looks on a white background.

## Color Contrast Check

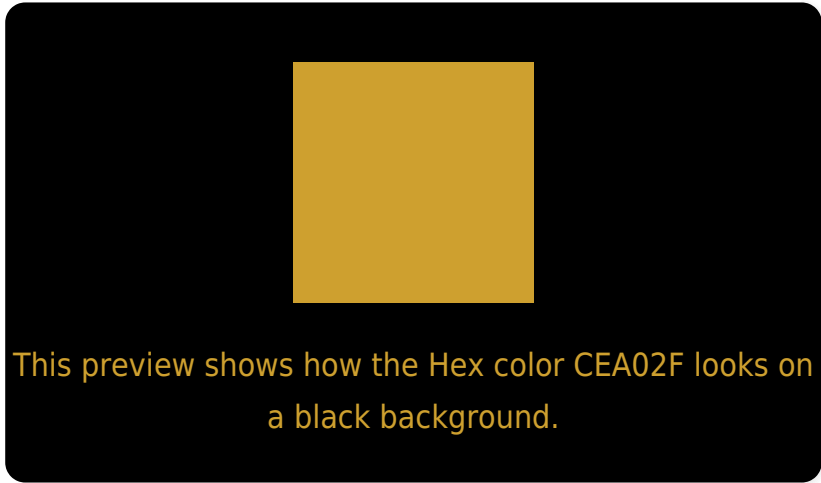
Large Text (above 18pt) WCAG AA × Fail

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 CEA02F Background



This preview shows how black text looks on a background with the Hex color CEA02F.

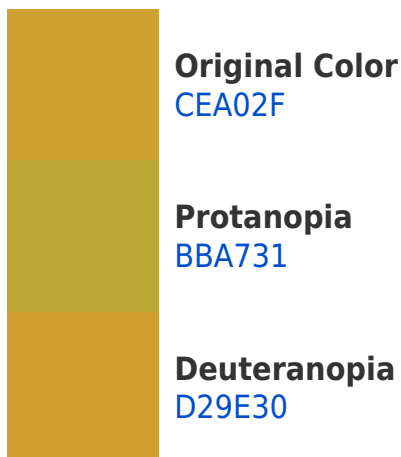



This preview shows how white text looks on a background with the Hex color CEA02F.

# 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](#).

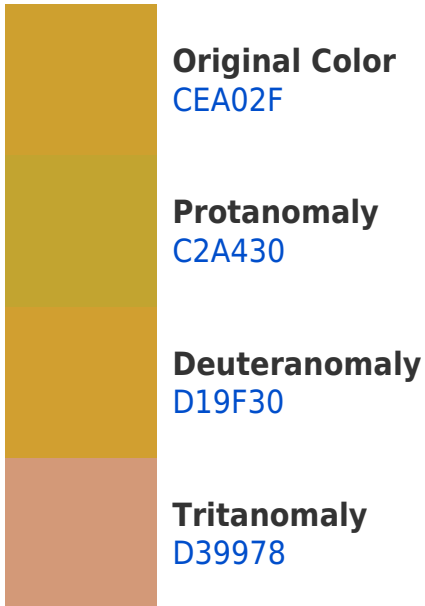
## Dichromacy



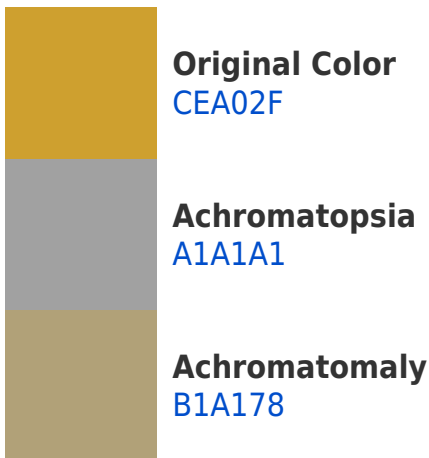


**Tritanopia**  
D695A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA02F 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 #CEA02F looks like.

```
.text, #text, p{  
    color:#CEA02F  
}
```

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 #CEA02F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA02F
}
```

## Border

The CSS property to change the border of an element to Hex CEA02F 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
#CEA02F }
```

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

```
.border{ border-color:#CEA02F }
```

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

Here you see how a box with a 4 pixel #CEA02F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA02F; -webkit-box-shadow:4px 4px  
4px 4px #CEA02F; box-shadow:4px 4px 4px  
4px #CEA02F }
```

# Background

The CSS property to change the background color of an element to Hex CEA02F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA02F }
```

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

```
.background{ background-color:#CEA02F }
```

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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