

Converting Colors

Hex(CFAE12)

Have a look what the booklet for
Hex(CFAE12) contains.

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Color

Hex(CFAE12)

Conversions

Conversions Part 1

Format	Color
Hex	CFAE12
RGB	207, 174, 18
RGB Percent	81%, 68%, 7%
CMY	0.1882, 0.3176, 0.9294
CMYK	0.00, 0.16, 0.91, 0.19
HSL	50°, 84%, 44%
HSV	50°, 91%, 81%
XYZ	40.9774, 43.5812, 6.8245
YIQ	166.0830, 69.7440, -41.5200

Conversions

Conversions Part 2

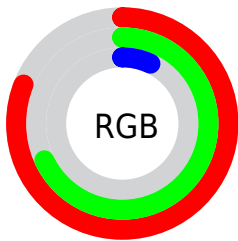
Format	Color
RYB	58, 207, 18
Decimal	13610514
CIELab	71.95, -1.36, 72.19
CIELCh	72, 72.202, 91.082
Yxy	43.5812, 0.4484, 0.4769
Android (android.graphics.Color)	4291800594 (0xFFCFAE12)
YUV	166.0830, -73.0049, 35.8842
Hunter-Lab	66.0160, -4.7299, 40.0820

Details

The Hex color **CFAE12** 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 **1233CF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE555**, and **947A00** is the 20% darker color. If you saturate the color by 10%, you get **CFAB00**, and if you desaturate by 10%, it is **CFB227**.

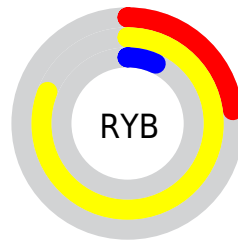
Distribution



Red (81%)

Green (68%)

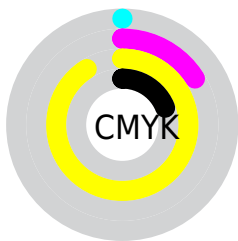
Blue (7%)



Red (23%)

Yellow (81%)

Blue (7%)

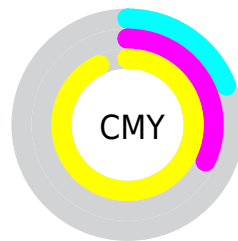


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (19%)



Cyan (19%)

Magenta (32%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFAE12 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 CFAE12 by changing the saturation by 10% instead.



CFAE12



CFAE12

FFFFFF



B19400



FFE555



947A00



FFFF71



776200



FFFF8D



5B4A00



FFFFA9



403400



FFFC6



271F00



FFFE3



070800



000000



CFAE12



CFAE12

 CFAB00

 CFB227

 CFB53B

 CFB950

 CFBC65

 CFC07A

 CFC48E

 CFC7A3

 CFCBB8

 CFCFCC

Harmonies

Analogous

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



FF9539



CFAE12



8DC032

Triad

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



CFAE12



00CEF3



FF80F1

Complementary

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



CFAE12



1233CF

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.



B39EFF



CFAE12



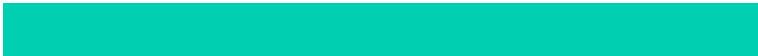
00C7FF

Square

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



CFAE12



00CFB1



00B7FF



FF6FB1

Rectangle

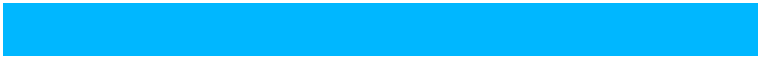
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFAE12



4FC858



00B7FF



ED8AFF

Sweetspot

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



CFAE12



FFF3BA



CF1235



807857



000000



808080

Same Dimension

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



CFAE12



FFD200



93CF12



69675E



A88B00



292200

Inverse Universe

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



1233CF



002DFF



4E12CF



5E6069



001DA8



000729

Previews

White Background



This preview shows how the Hex color CFAE12 looks on a white background.

Color Contrast Check

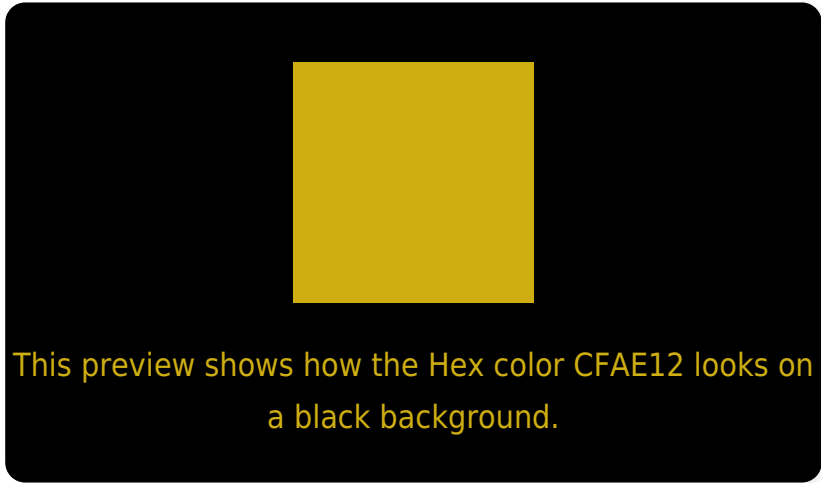
Large Text (above 18pt) WCAG AA × Fail

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 CFAE12 Background



This preview shows how black text looks on a background with the Hex color CFAE12.



This preview shows how white text looks on a background with the Hex color CFAE12.

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
CFAE12

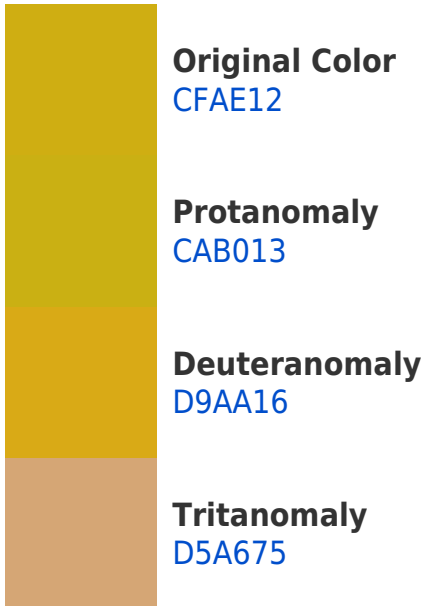
Protanopia
C7B113

Deuteranopia
DFA719

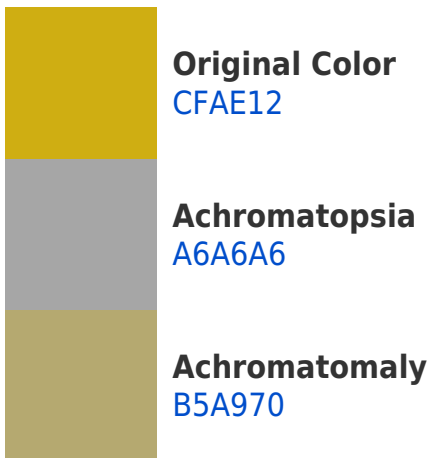


Tritanopia
D8A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFAE12 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 #CFAE12 looks like.

```
.text, #text, p{  
    color:#CFAE12  
}
```

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 #CFAE12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFAE12
}
```

Border

The CSS property to change the border of an element to Hex CFAE12 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
#CFAE12 }
```

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

```
.border{ border-color:#CFAE12 }
```

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

Here you see how a box with a 4 pixel #CFAE12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFAE12; -webkit-box-shadow:4px 4px  
4px 4px #CFAE12; box-shadow:4px 4px 4px  
4px #CFAE12 }
```

Background

The CSS property to change the background color of an element to Hex CFAE12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFAE12 }
```

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

```
.background{ background-color:#CFAE12 }
```

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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