

Converting Colors

Hex(CFA133)

Have a look what the booklet for
Hex(CFA133) contains.

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Color

Hex(CFA133)

Conversions

Conversions Part 1

Format	Color
Hex	CFA133
RGB	207, 161, 51
RGB Percent	81%, 63%, 20%
CMY	0.1882, 0.3686, 0.8000
CMYK	0.00, 0.22, 0.75, 0.19
HSL	42°, 62%, 51%
HSV	42°, 75%, 81%
XYZ	39.0745, 38.9942, 8.5991
YIQ	162.2140, 62.7260, -24.4580

Conversions

Conversions Part 2

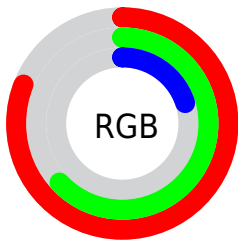
Format	Color
RYB	116, 207, 51
Decimal	13607219
CIELab	68.75, 6.49, 60.31
CIELCh	69, 60.656, 83.855
Yxy	38.9942, 0.4509, 0.4499
Android (android.graphics.Color)	4291797299 (0xFFCFA133)
YUV	162.2140, -54.8285, 39.2773
Hunter-Lab	62.4453, 2.4154, 35.5471

Details

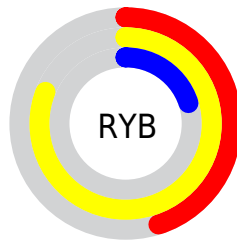
The Hex color **CFA133** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3361CF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD869**, and **946E00** is the 20% darker color. If you saturate the color by 10%, you get **CF9B1E**, and if you desaturate by 10%, it is **CFA748**.

Distribution



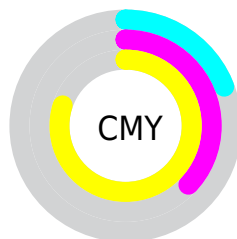
- Red (81%)
- Green (63%)
- Blue (20%)



- Red (45%)
- Yellow (81%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFA133 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 CFA133 by changing the saturation by 10% instead.

 CFA133

 CFA133

FFFFFF

 B18714

 FFD869

 946E00

 FFF484

 785600

 FFFF9F

 5C3F00

 FFFFBB

 412900

 FFFFFD8

 281500

 FFFFF5

 030000

 000000

 CFA133

 CFA133

 CF9B1E

 CFA748

 CF950A

 CFAD5C

 CF9200

 CFB371

 CFB986

 CFC09B

 CFC6AF

 CFCCC4

 CFD2D9

 CFD8ED

Harmonies

Analogous

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



F78C50



CFA133



9AB23B

Triad

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



CFA133



00C2D2



E087E9

Complementary

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



CFA133



3361CF

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.



969EFF



CFA133



00BDFF

Square

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



CFA133



00C29A



00B1FF



FF77B5

Rectangle

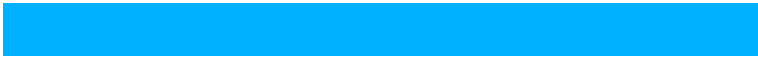
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFA133



6FBA54



00B1FF



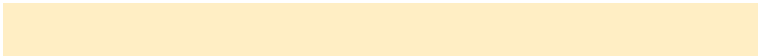
CC8EF7

Sweetspot

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



CFA133



FFEEC4



CF3362



80755C



000000



808080

Same Dimension

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



CFA133



FFBB19



B0CF33



69655E



A87700



291D00

Inverse Universe

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



3361CF



195DFF



5233CF



5E6169



0032A8



000C29

Previews

White Background



This preview shows how the Hex color CFA133 looks on a white background.

Color Contrast Check

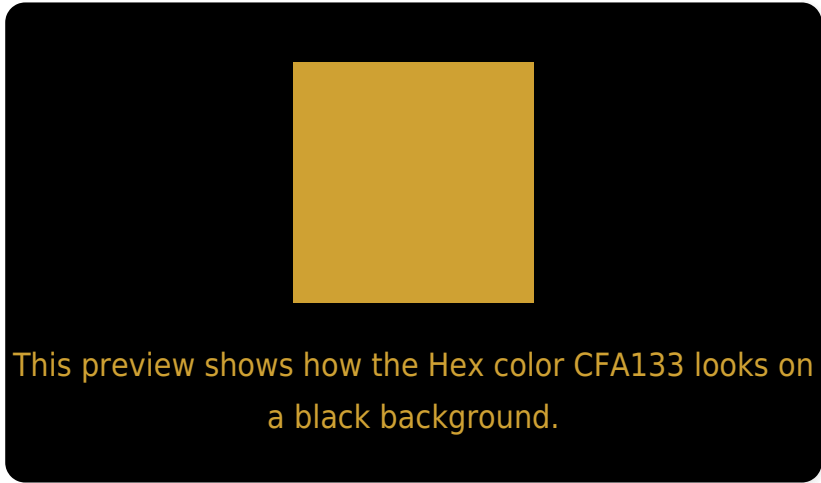
Large Text (above 18pt) WCAG AA × Fail

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 CFA133 Background



This preview shows how black text looks on a background with the Hex color CFA133.



This preview shows how white text looks on a background with the Hex color CFA133.

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
CFA133

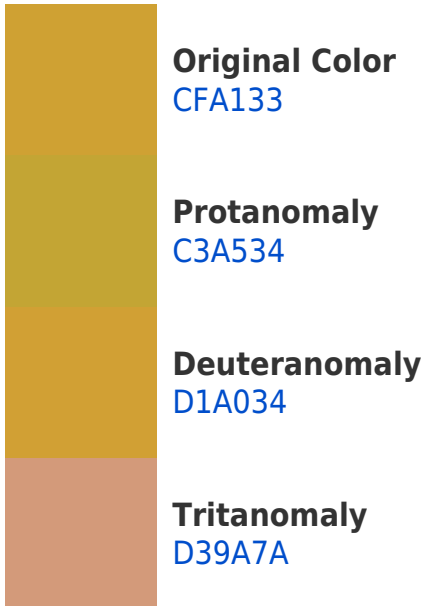
Protanopia
BCA835

Deuteranopia
D29F34

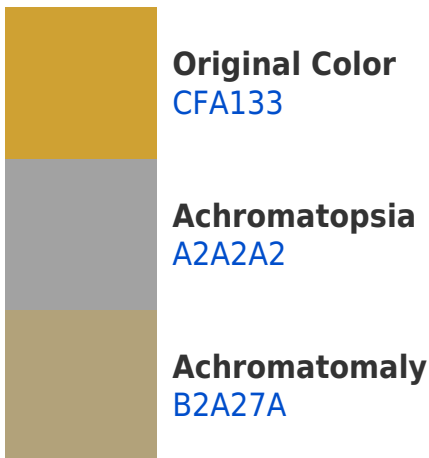


Tritanopia
D696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFA133 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 #CFA133 looks like.

```
.text, #text, p{  
    color:#CFA133  
}
```

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 #CFA133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA133  
}
```

Border

The CSS property to change the border of an element to Hex CFA133 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  
#CFA133 }
```

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

```
.border{ border-color:#CFA133 }
```

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

Here you see how a box with a 4 pixel #CFA133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA133; -webkit-box-shadow:4px 4px  
4px 4px #CFA133; box-shadow:4px 4px 4px  
4px #CFA133 }
```

Background

The CSS property to change the background color of an element to Hex CFA133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA133 }
```

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

```
.background{ background-color:#CFA133 }
```

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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