

Converting Colors

Hex(CFA851)

Have a look what the booklet for
Hex(CFA851) contains.

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Color

Hex(CFA851)

Conversions

Conversions Part 1

Format	Color
Hex	CFA851
RGB	207, 168, 81
RGB Percent	81%, 66%, 32%
CMY	0.1882, 0.3412, 0.6824
CMYK	0.00, 0.19, 0.61, 0.19
HSL	41°, 57%, 56%
HSV	41°, 61%, 81%
XYZ	41.2200, 41.8647, 13.6928
YIQ	169.7430, 51.1710, -18.7890

Conversions

Conversions Part 2

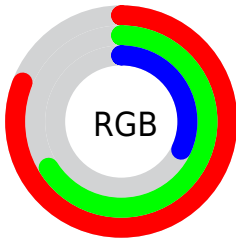
Format	Color
RYB	137, 207, 81
Decimal	13609041
CIELab	70.78, 4.42, 49.42
CIELCh	71, 49.613, 84.884
Yxy	41.8647, 0.4259, 0.4326
Android (android.graphics.Color)	4291799121 (0xFFCFA851)
YUV	169.7430, -43.7503, 32.6744
Hunter-Lab	64.7030, 0.4858, 32.7448

Details

The Hex color **CFA851** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5178CF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDF85**, and **95741D** is the 20% darker color. If you saturate the color by 10%, you get **CFA23C**, and if you desaturate by 10%, it is **CFAE66**.

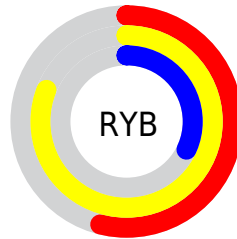
Distribution



Red (81%)

Green (66%)

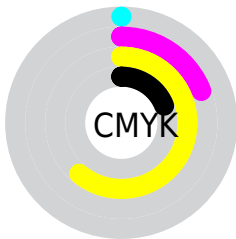
Blue (32%)



Red (54%)

Yellow (81%)

Blue (32%)

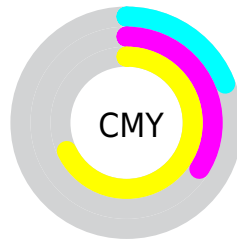


Cyan (0%)

Magenta (19%)

Yellow (61%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFA851 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 CFA851 by changing the saturation by 10% instead.

 CFA851

 CFA851

FFFFFF

 B28E38

 FFDF85

 95741D

 FFFBA0

 7A5C00

 FFFFBC

 5F4500

 FFFFFD8

 442F00

 FFFFFFF5

 2A1A00

 0F0000

 000000

 CFA851

 CFA851

 CFA23C

 CFAE66

 CF9B28

 CFB57A

 CF9513

 CFBB8F

 CF8F00

 CFC2A4

 CFC8B9

 CFCECD

 CFD5E2

 CFDBF7

 CFE2FF

Harmonies

Analogous

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



F19864



CFA851



A3B658

Triad

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



CFA851



00C4D2



DE93E2

Complementary

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



CFA851



5178CF

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.



A5A4FF



CFA851



00BFF6

Square

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



CFA851



00C4A4



48B4FF



FD88B7

Rectangle

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



CFA851



80BD6B



48B4FF



CE99EE

Sweetspot

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



CFA851



FFF1D1



CF5179



807763



000000



808080

Same Dimension

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



CFA851



FFC545



B8CF51



69655E



A87400



291C00

Inverse Universe

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



5178CF



457EFF



6851CF



5E6169



0034A8



000D29

Previews

White Background



This preview shows how the Hex color CFA851 looks on a white background.

Color Contrast Check

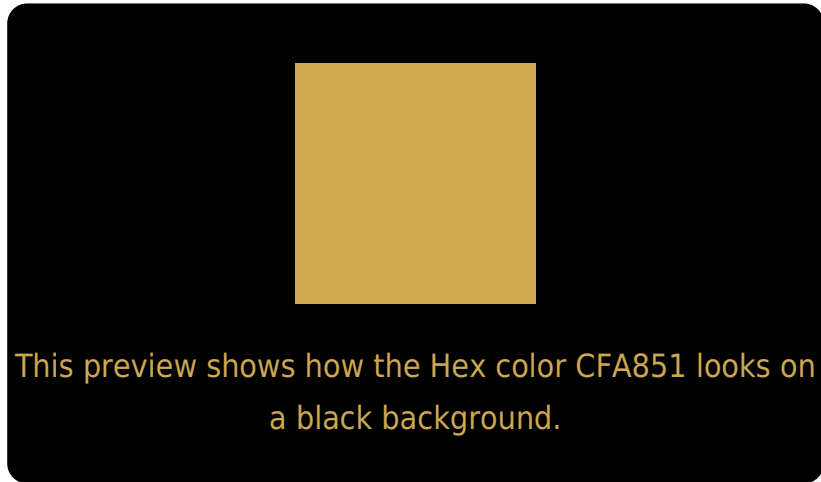
Large Text (above 18pt) WCAG AA × Fail

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 CFA851 Background



This preview shows how black text looks on a background with the Hex color CFA851.



This preview shows how white text looks on a background with the Hex color CFA851.

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
CFA851

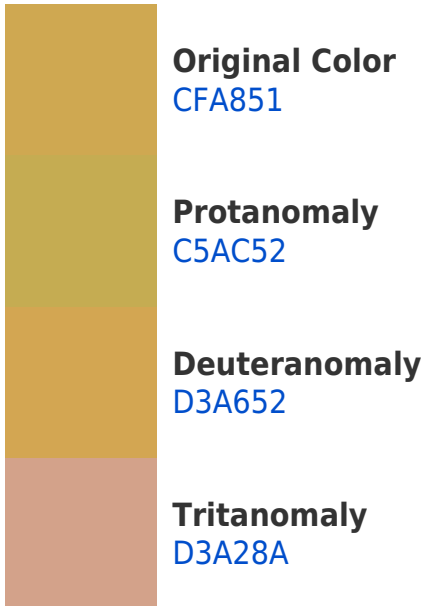
Protanopia
C0AE53

Deuteranopia
D6A552

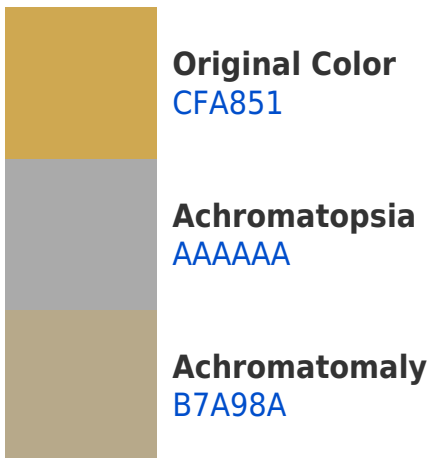


Tritanopia
D69EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFA851 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 #CFA851 looks like.

```
.text, #text, p{  
    color:#CFA851  
}
```

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 #CFA851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA851
}
```

Border

The CSS property to change the border of an element to Hex CFA851 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
#CFA851 }
```

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

```
.border{ border-color:#CFA851 }
```

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

Here you see how a box with a 4 pixel #CFA851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA851; -webkit-box-shadow:4px 4px  
4px 4px #CFA851; box-shadow:4px 4px 4px  
4px #CFA851 }
```

Background

The CSS property to change the background color of an element to Hex CFA851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA851 }
```

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

```
.background{ background-color:#CFA851 }
```

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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