

# Converting Colors

Hex(CFA31D)

Have a look what the booklet for  
Hex(CFA31D) contains.

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# **Color**

**Hex(CFA31D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFA31D
RGB	207, 163, 29
RGB Percent	81%, 64%, 11%
CMY	0.1882, 0.3608, 0.8863
CMYK	0.00, 0.21, 0.86, 0.19
HSL	45°, 75%, 46%
HSV	45°, 86%, 81%
XYZ	39.0511, 39.5485, 6.7378
YIQ	160.8800, 69.2380, -32.3460

# Conversions

## Conversions Part 2

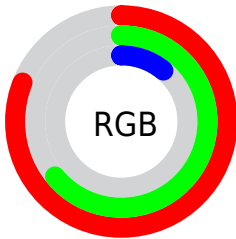
Format	Color
<a href="#">RYB</a>	<a href="#">87, 207, 29</a>
Decimal	<a href="#">13607709</a>
CIELab	<a href="#">69.15, 4.70, 67.70</a>
CIELCh	<a href="#">69, 67.860, 86.032</a>
Yxy	<a href="#">39.5485, 0.4576, 0.4634</a>
Android (android.graphics.Color)	<a href="#">4291797789</a> ( <a href="#">0xFFCFA31D</a> )
YUV	<a href="#">160.8800, -65.0168, 40.4472</a>
Hunter-Lab	<a href="#">62.8876, 0.7892, 37.6690</a>

# Details

The Hex color **CFA31D** 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 **1D49CF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFDA59**, and **947000** is the 20% darker color. If you saturate the color by 10%, you get **CF9E08**, and if you desaturate by 10%, it is **CFA832**.

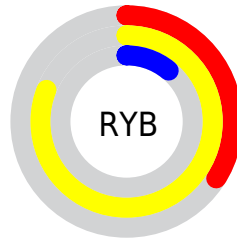
# Distribution



Red (81%)

Green (64%)

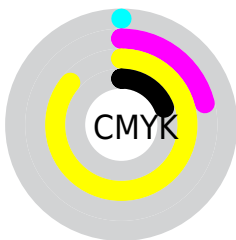
Blue (11%)



Red (34%)

Yellow (81%)

Blue (11%)

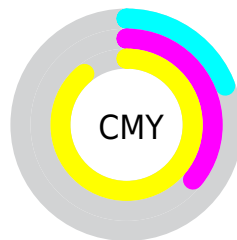


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFA31D 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 CFA31D by changing the saturation by 10% instead.





CFA31D



CFA31D

FFFFFF



B18900



FFDA59



947000



FFF674



775800



FFFF90



5B4100



FFFFAC



402B00



FFFFC9



271700



FFFFE6



030000



000000



CFA31D



CFA31D

■ CF9E08

■ CFA832

■ CF9C00

■ CFAD46

■ CFB25B

■ CFB770

■ CFB85

■ CFC299

■ CFC7AE

■ CFCCC3

■ CFD1D7

# Harmonies

## Analogous

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



FC8B42



CFA31D



94B52D

# Triad

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



CFA31D



00C6DD



EB81EE

# Complementary

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



CFA31D



1D49CF

# 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.



9A9CFF



CFA31D



00C0FF

# Square

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



CFA31D



00C59E



00B2FF



FF6EB4

# Rectangle

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



CFA31D



61BD4E



00B2FF



D68AFF



# Sweetspot

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



CFA31D



FFEFBD



CF1D4A



807658



000000



808080



# Same Dimension

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



CFA31D



FFC000



A3CF1D



69665E



A87F00



291F00



# Inverse Universe

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



1D49CF



003FFF



4A1DCF



5E6169



002AA8



000A29



# Previews

## White Background



This preview shows how the Hex color CFA31D looks on a white background.

## Color Contrast Check

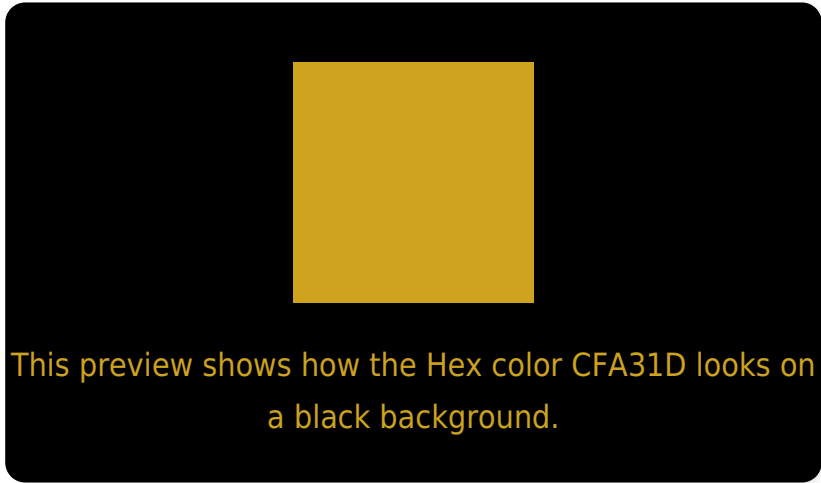
Large Text (above 18pt) WCAG AA × Fail

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 CFA31D Background



This preview shows how black text looks on a background with the Hex color CFA31D.

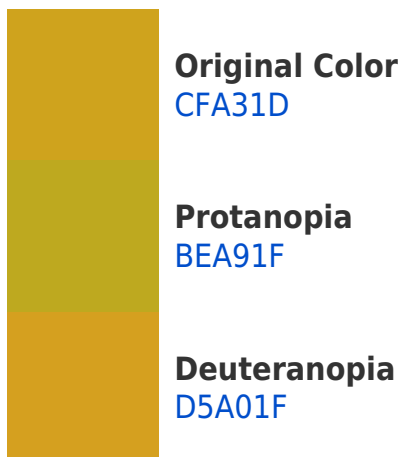


This preview shows how white text looks on a background with the Hex color CFA31D.

# 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](#).

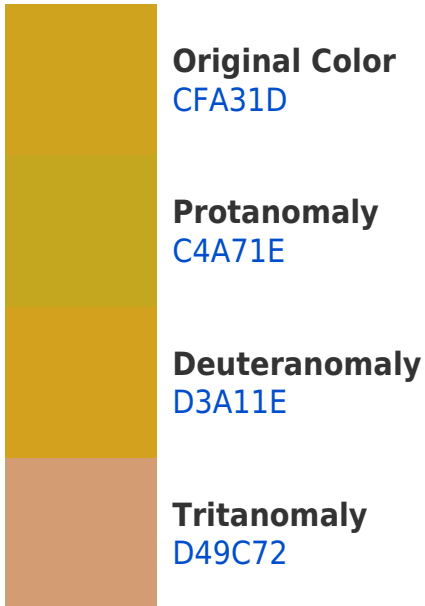
## Dichromacy



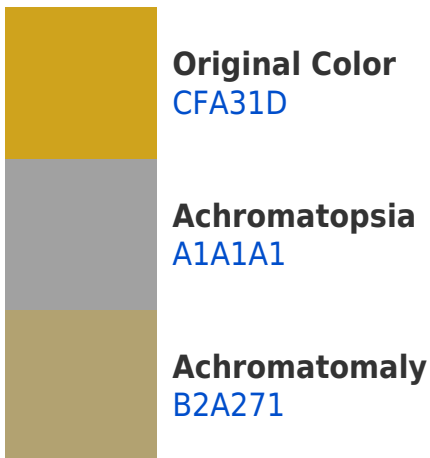


**Tritanopia**  
D798A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFA31D 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 #CFA31D looks like.

```
.text, #text, p{  
    color:#CFA31D  
}
```

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 #CFA31D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA31D
}
```

## Border

The CSS property to change the border of an element to Hex CFA31D 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
#CFA31D }
```

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

```
.border{ border-color:#CFA31D }
```

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

Here you see how a box with a 4 pixel #CFA31D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA31D; -webkit-box-shadow:4px 4px  
4px 4px #CFA31D; box-shadow:4px 4px 4px  
4px #CFA31D }
```

# Background

The CSS property to change the background color of an element to Hex CFA31D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA31D }
```

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

```
.background{ background-color:#CFA31D }
```

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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