

# Converting Colors

Hex(CF9A3D)

Have a look what the booklet for  
Hex(CF9A3D) contains.

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# **Color**

**Hex(CF9A3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9A3D
RGB	207, 154, 61
RGB Percent	81%, 60%, 24%
CMY	0.1882, 0.3961, 0.7608
CMYK	0.00, 0.26, 0.71, 0.19
HSL	38°, 60%, 53%
HSV	38°, 71%, 81%
XYZ	38.1300, 36.7135, 9.4916
YIQ	159.2450, 61.4410, -17.6870

# Conversions

## Conversions Part 2

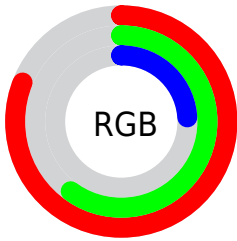
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 207, 61
Decimal	13605437
CIELab	67.06, 10.74, 54.53
CIELCh	67, 55.577, 78.860
Yxy	36.7135, 0.4521, 0.4353
Android (android.graphics.Color)	4291795517 (0xFFCF9A3D)
YUV	159.2450, -48.4348, 41.8811
Hunter-Lab	60.5917, 6.2937, 33.1265

# Details

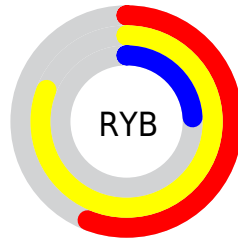
The Hex color **CF9A3D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3D72CF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD071**, and **946700** is the 20% darker color. If you saturate the color by 10%, you get **CF9228**, and if you desaturate by 10%, it is **CFA252**.

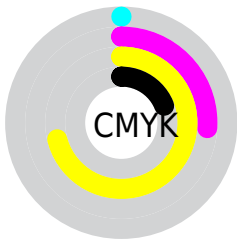
# Distribution



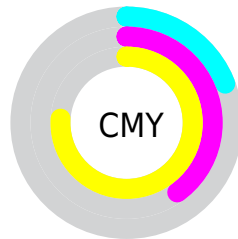
- Red (81%)
- Green (60%)
- Blue (24%)



- Red (56%)
- Yellow (81%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (71%)
- Black (19%)



- Cyan (19%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9A3D 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 CF9A3D by changing the saturation by 10% instead.



 CF9A3D

 CF9A3D

FFFFFF

 B18022

 FFD071

 946700

 FFEC8C

 784F00

 FFFFA7

 5C3800

 FFFFC3

 412300

 FFFFEO

 280F00

FFFFFFD

 000000

 CF9A3D

 CF9A3D

 CF9228

 CFA252

 CF8B14

 CFA966

 CF8400

 CFB17B

 CFB890

 CFC0A5

 CFC7B9

 CFCFCE

 CFD6E3

 CFDEF7

# Harmonies

## Analogous

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



F18759



CF9A3D



A1AA3E

# Triad

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



CF9A3D



00BCC2



CE89E6

# Complementary

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



CF9A3D



3D72CF

# 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.



859DFF



CF9A3D



00B8EE

# Square

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



CF9A3D



00BB8E



00AEFF



F679B8

# Rectangle

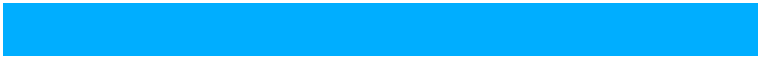
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CF9A3D



7BB251



00AEFF



BA90F2



# Sweetspot

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



CF9A3D



FFECC9



CF3D73



807460



000000



808080



# Same Dimension

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



CF9A3D



FFB026



BCCF3D



69655E



A86B00



291A00



# Inverse Universe

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



3D72CF



2675FF



503DCF



5E6269



003DA8



000F29



# Previews

## White Background



This preview shows how the Hex color CF9A3D looks on a white background.

## Color Contrast Check

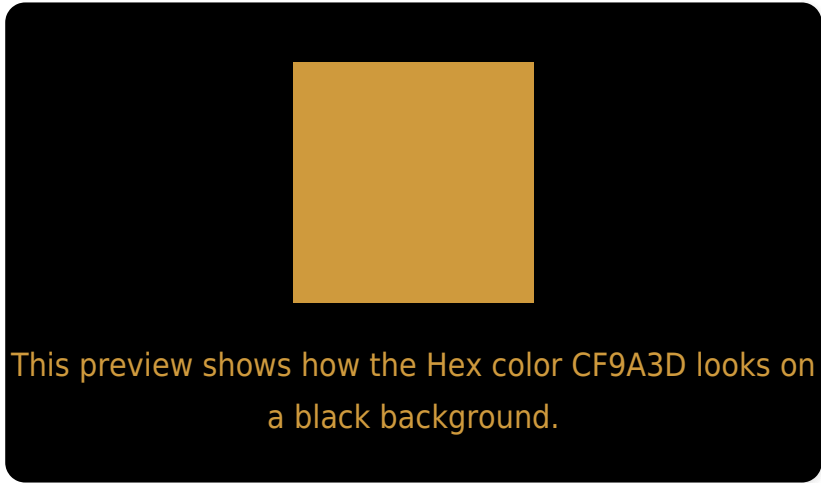
Large Text (above 18pt) WCAG AA × Fail

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 CF9A3D Background



This preview shows how black text looks on a background with the Hex color CF9A3D.



This preview shows how white text looks on a background with the Hex color CF9A3D.

# 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**  
CF9A3D

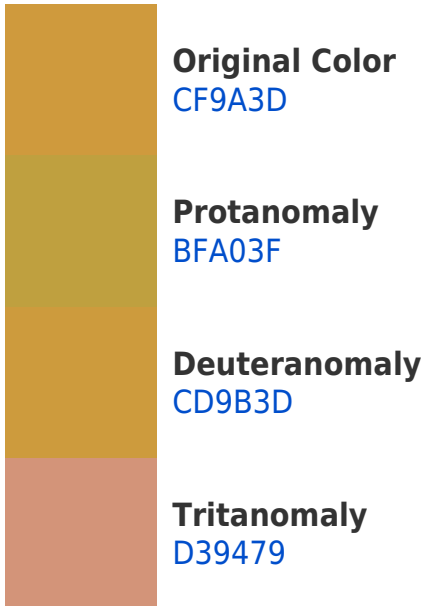
**Protanopia**  
B6A440

**Deuteranopia**  
CC9B3D

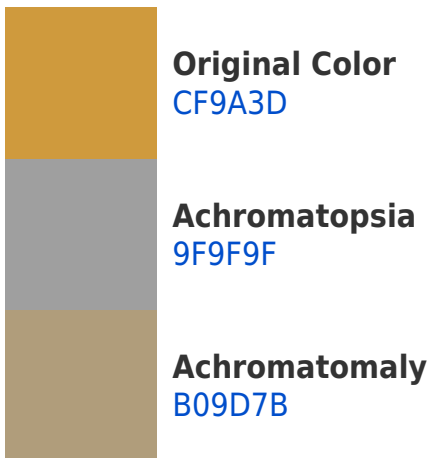


**Tritanopia**  
D6909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9A3D 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 #CF9A3D looks like.

```
.text, #text, p{  
    color:#CF9A3D  
}
```

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 #CF9A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9A3D
}
```

## Border

The CSS property to change the border of an element to Hex CF9A3D 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
#CF9A3D }
```

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

```
.border{ border-color:#CF9A3D }
```

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

Here you see how a box with a 4 pixel #CF9A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9A3D; -webkit-box-shadow:4px 4px  
4px 4px #CF9A3D; box-shadow:4px 4px 4px  
4px #CF9A3D }
```

# Background

The CSS property to change the background color of an element to Hex CF9A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9A3D }
```

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

```
.background{ background-color:#CF9A3D }
```

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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