

# Converting Colors

Hex(CF901A)

Have a look what the booklet for  
Hex(CF901A) contains.

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# **Color**

**Hex(CF901A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF901A
RGB	207, 144, 26
RGB Percent	81%, 56%, 10%
CMY	0.1882, 0.4353, 0.8980
CMYK	0.00, 0.30, 0.87, 0.19
HSL	39°, 78%, 46%
HSV	39°, 87%, 81%
XYZ	35.8918, 33.2865, 5.5105
YIQ	149.3850, 75.4260, -23.3420

# Conversions

## Conversions Part 2

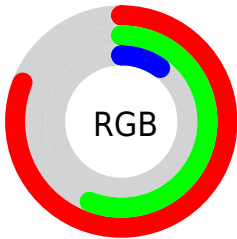
Format	Color
<a href="#">RYB</a>	<a href="#">123, 207, 26</a>
Decimal	<a href="#">13602842</a>
CIELab	<a href="#">64.39, 14.88, 64.63</a>
CIELCh	<a href="#">64, 66.320, 77.032</a>
Yxy	<a href="#">33.2865, 0.4806, 0.4457</a>
Android (android.graphics.Color)	<a href="#">4291792922</a> ( <a href="#">0xFFCF901A</a> )
YUV	<a href="#">149.3850, -60.8288, 50.5284</a>
Hunter-Lab	<a href="#">57.6945, 10.0799, 34.7232</a>

# Details

The Hex color **CF901A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1A59CF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC654**, and **935E00** is the 20% darker color. If you saturate the color by 10%, you get **CF8905**, and if you desaturate by 10%, it is **CF972F**.

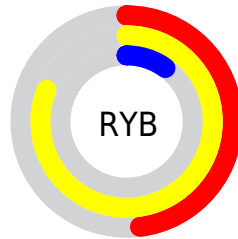
# Distribution



Red (81%)

Green (56%)

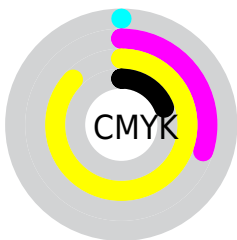
Blue (10%)



Red (48%)

Yellow (81%)

Blue (10%)

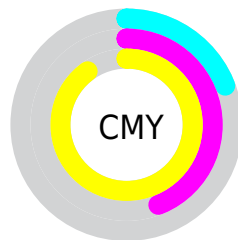


Cyan (0%)

Magenta (30%)

Yellow (87%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF901A 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 CF901A by changing the saturation by 10% instead.



 CF901A

 CF901A

FFFFFF

 B17600

 FFC654

 935E00

 FFE26F

 764600

 FFFE8B

 5A3000

 FFFFA6

 3E1B00

 FFFFC3

 260400

 FFFFDF

 000000

 FFFFFD

 CF901A

 CF901A

■ CF8905

■ CF972F

■ CF8700

■ CF9E43

■ CFA658

■ CFAD6D

■ CFB482

■ CFBB96

■ CFC2AB

■ CFCAC0

■ CFD1D4

# Harmonies

## Analogous

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



F67747



CF901A



9AA416

# Triad

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



CF901A



00B8BD



C97DEE

# Complementary

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



CF901A



1A59CF

# 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.



6797FF



CF901A



00B5F2

# Square

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



CF901A



00B680



00AAFF



FA66B8

# Rectangle

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



CF901A



6EAD34



00AAFF



B086FB



# Sweetspot

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



CF901A



FFE8BD



CF1A59



807258



000000



808080



# Same Dimension

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



CF901A



FFA600



B4CF1A



69655E



A86E00



291B00



# Inverse Universe

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



1A59CF



0059FF



351ACF



5E6269



003BA8



000E29



# Previews

## White Background



This preview shows how the Hex color CF901A looks on a white background.

## Color Contrast Check

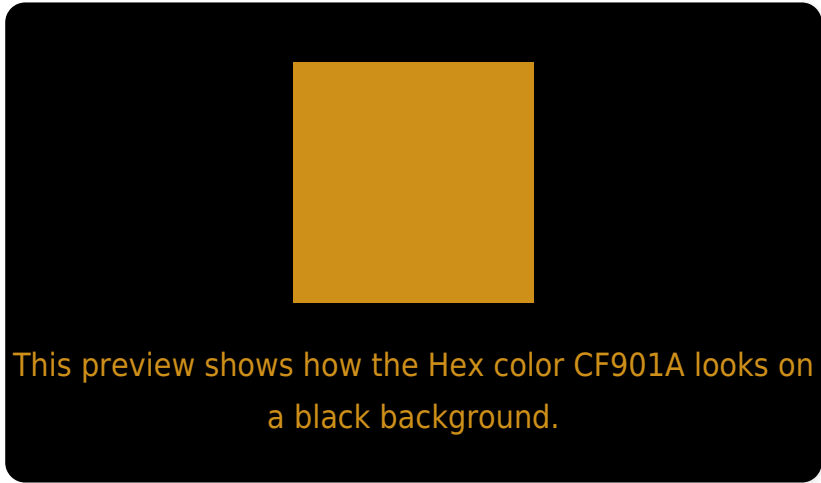
Large Text (above 18pt) WCAG AA × Fail

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 CF901A Background



This preview shows how black text looks on a background with the Hex color CF901A.



This preview shows how white text looks on a background with the Hex color CF901A.

# 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**  
CF901A

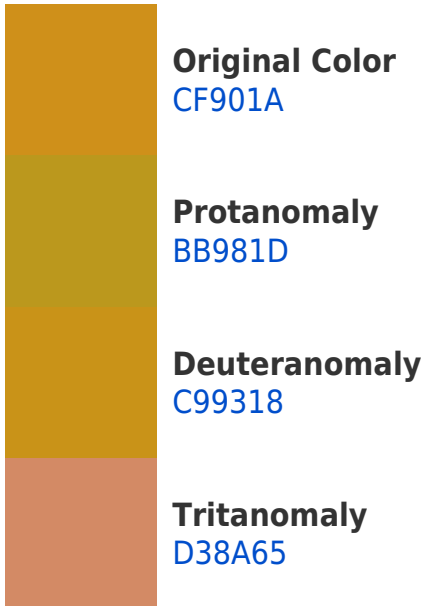
**Protanopia**  
B09D1E

**Deuteranopia**  
C69417



**Tritanopia**  
D58690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF901A 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 #CF901A looks like.

```
.text, #text, p{  
    color:#CF901A  
}
```

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 #CF901A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF901A
}
```

## Border

The CSS property to change the border of an element to Hex CF901A 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
#CF901A }
```

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

```
.border{ border-color:#CF901A }
```

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

Here you see how a box with a 4 pixel #CF901A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF901A; -webkit-box-shadow:4px 4px  
4px 4px #CF901A; box-shadow:4px 4px 4px  
4px #CF901A }
```

# Background

The CSS property to change the background color of an element to Hex CF901A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF901A }
```

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

```
.background{ background-color:#CF901A }
```

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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