

# Converting Colors

Hex(CF9B00)

Have a look what the booklet for  
Hex(CF9B00) contains.

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**Color**

**Hex(CF9B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9B00
RGB	207, 155, 0
RGB Percent	81%, 61%, 0%
CMY	0.1882, 0.3922, 1.0000
CMYK	0.00, 0.25, 1.00, 0.19
HSL	45°, 100%, 41%
HSV	45°, 100%, 81%
XYZ	37.4535, 36.7081, 5.1114
YIQ	152.8780, 80.7470, -37.1810

# Conversions

## Conversions Part 2

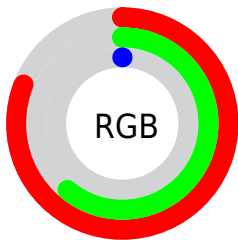
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	69, 207, 0
Decimal	13605632
CIELab	67.06, 8.56, 71.05
CIELCh	67, 71.569, 83.129
Yxy	36.7081, 0.4725, 0.4631
Android (android.graphics.Color)	4291795712 (0xFFCF9B00)
YUV	152.8780, -75.3689, 47.4650
Hunter-Lab	60.5872, 4.3166, 37.4091

# Details

The Hex color **CF9B00** 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 **0034CF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFD14B**, and **936800** is the 20% darker color. If you saturate the color by 10%, you get **CF9B00**, and if you desaturate by 10%, it is **CFA015**.

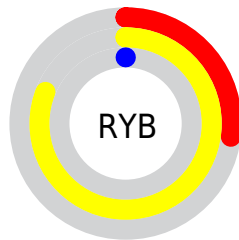
# Distribution



Red (81%)

Green (61%)

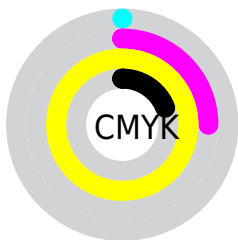
Blue (0%)



Red (27%)

Yellow (81%)

Blue (0%)

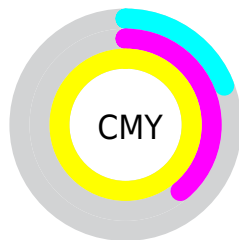


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9B00 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 CF9B00 by changing the saturation by 10% instead.



 CF9B00

 CF9B00

FFFFFF

 B18100

 FFD14B

 936800

 FFED67

 765000

 FFFF83

 5A3A00

 FFFF9F

 3F2400

 FFFFBB

 261000

 FFFFD8

 000000

 FFFFF6

 CF9B00

 CFA015

 CFA529

 CFAB3E

 CFB053

 CFB568

 CFBA7C

 CFBF91

 CFC5A6

 CFCABA

# Harmonies

## Analogous

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



FD803B



CF9B00



92AF14

# Triad

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



CF9B00



00C1D4



E27BF1

# Complementary

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



CF9B00



0034CF

# 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.



8598FF



CF9B00



00BCFF

# Square

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



CF9B00



00C092



00AFFF



FF64B5

# Rectangle

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



CF9B00



5EB73D



00AFFF



CA85FF



# Sweetspot

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



CF9B00



FFECB3



CF0037



807452



000000



808080



# Same Dimension

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



CF9B00



FFBF00



9FCF00



69665E



A87E00



291F00



# Inverse Universe

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



0034CF



0040FF



3000CF



5E6169



002AA8

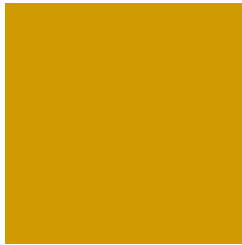


000A29



# Previews

## White Background



This preview shows how the Hex color CF9B00 looks on a white background.

## Color Contrast Check

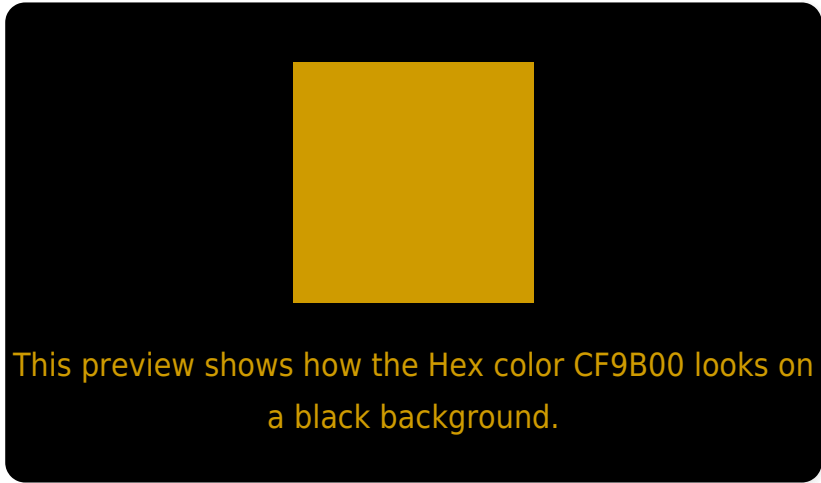
Large Text (above 18pt) WCAG AA × Fail

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 CF9B00 Background



This preview shows how black text looks on a background with the Hex color CF9B00.



This preview shows how white text looks on a background with the Hex color CF9B00.

# 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**  
CF9B00

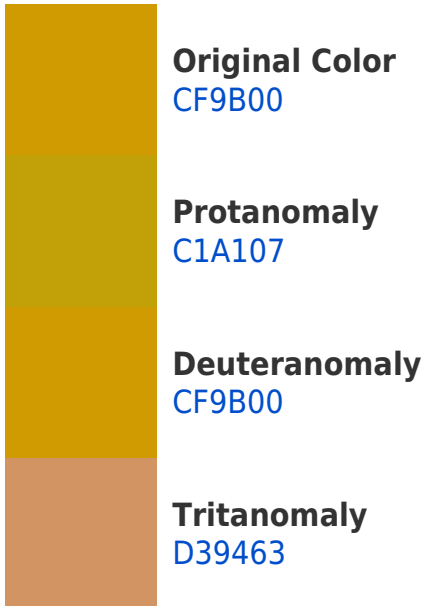
**Protanopia**  
B9A40B

**Deuteranopia**  
CF9B00



**Tritanopia**  
D6909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9B00 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 #CF9B00 looks like.

```
.text, #text, p{  
    color:#CF9B00  
}
```

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 #CF9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9B00  
}
```

## Border

The CSS property to change the border of an element to Hex CF9B00 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  
#CF9B00 }
```

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

```
.border{ border-color:#CF9B00 }
```

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

Here you see how a box with a 4 pixel #CF9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9B00; -webkit-box-shadow:4px 4px  
4px 4px #CF9B00; box-shadow:4px 4px 4px  
4px #CF9B00 }
```

# Background

The CSS property to change the background color of an element to Hex CF9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9B00 }
```

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

```
.background{ background-color:#CF9B00 }
```

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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