

Converting Colors

Hex(CF900F)

Have a look what the booklet for
Hex(CF900F) contains.

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Color

Hex(CF900F)

Conversions

Conversions Part 1

Format	Color
Hex	CF900F
RGB	207, 144, 15
RGB Percent	81%, 56%, 6%
CMY	0.1882, 0.4353, 0.9412
CMYK	0.00, 0.30, 0.93, 0.19
HSL	40°, 86%, 44%
HSV	40°, 93%, 81%
XYZ	35.7916, 33.2464, 4.9827
YIQ	148.1310, 78.9570, -26.7630

Conversions

Conversions Part 2

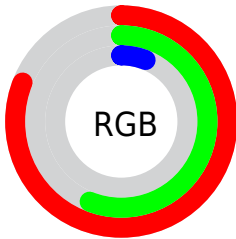
Format	Color
R_{YB}	109, 207, 15
Decimal	13602831
CIE _{Lab}	64.36, 14.69, 67.01
CIE _{LCh}	64, 68.605, 77.640
Yxy	33.2464, 0.4835, 0.4491
Android (android.graphics.Color)	4291792911 (0xFFCF900F)
YUV	148.1310, -65.6336, 51.6281
Hunter-Lab	57.6597, 9.8974, 35.2382

Details

The Hex color **CF900F** 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 **0F4ECF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC64F**, and **935E00** is the 20% darker color. If you saturate the color by 10%, you get **CF8B00**, and if you desaturate by 10%, it is **CF9724**.

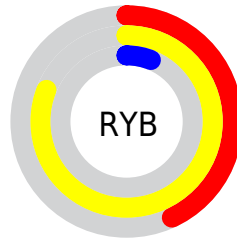
Distribution



Red (81%)

Green (56%)

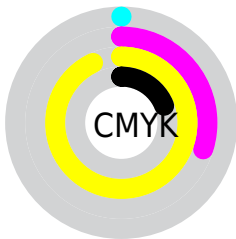
Blue (6%)



Red (43%)

Yellow (81%)

Blue (6%)

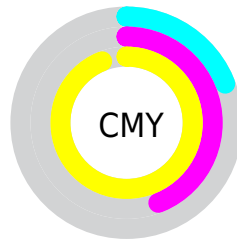


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF900F 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 CF900F by changing the saturation by 10% instead.



CF900F



CF900F

FFFFFF



B17600



FFC64F



935E00



FFE26A



764600



FFFE85



593000



FFFFA1



3E1B00



FFFFBD



260400



FFFFDA



000000



FFFFF7



CF900F



CF900F

■ CF8B00

■ CF9724

■ CF9E38

■ CFA44D

■ CFAB62

■ CFB277

■ CFB98B

■ CFC0A0

■ CFC6B5

■ CFCDC9

Harmonies

Analogous

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



F77643



CF900F



98A40A

Triad

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



CF900F



00B9BF



CC7BEF

Complementary

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



CF900F



0F4ECF

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.



6696FF



CF900F



00B5F6

Square

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



CF900F



00B780



00AAFF



FD63B8

Rectangle

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



CF900F



6AAD30



00AAFF



B285FE

Sweetspot

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



CF900F



FFE8B8



CF0F4F



807154



000000



808080

Same Dimension

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



CF900F



FFAB00



AFCF0F



69655E



A87100



291B00

Inverse Universe

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



0F4ECF



0054FF



2F0FCF



5E6269



0037A8



000D29

Previews

White Background



This preview shows how the Hex color CF900F looks on a white background.

Color Contrast Check

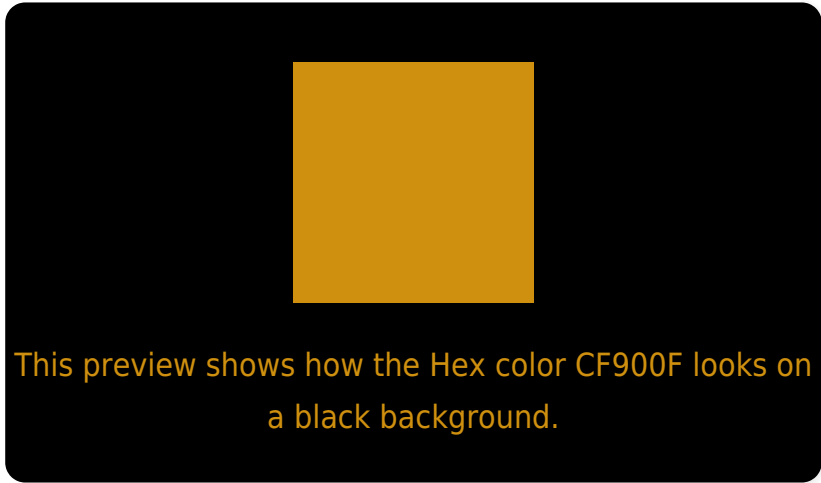
Large Text (above 18pt) WCAG AA × Fail

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 CF900F Background



This preview shows how black text looks on a background with the Hex color CF900F.



This preview shows how white text looks on a background with the Hex color CF900F.

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
CF900F

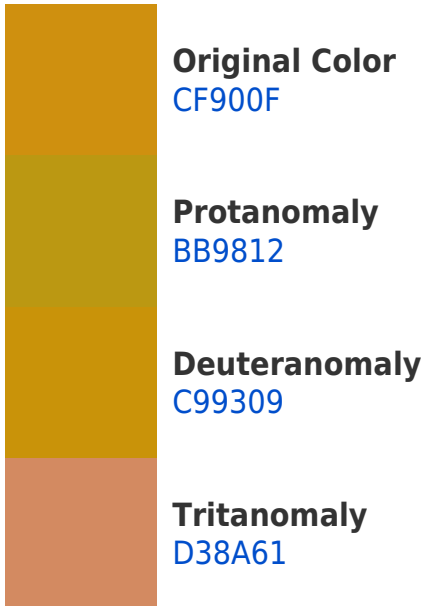
Protanopia
B09D14

Deuteranopia
C69406



Tritanopia
D58690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF900F 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 #CF900F looks like.

```
.text, #text, p{  
    color:#CF900F  
}
```

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 #CF900F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF900F
}
```

Border

The CSS property to change the border of an element to Hex CF900F 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
#CF900F }
```

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

```
.border{ border-color:#CF900F }
```

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

Here you see how a box with a 4 pixel #CF900F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF900F; -webkit-box-shadow:4px 4px  
4px 4px #CF900F; box-shadow:4px 4px 4px  
4px #CF900F }
```

Background

The CSS property to change the background color of an element to Hex CF900F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF900F }
```

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

```
.background{ background-color:#CF900F }
```

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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