

# Converting Colors

Hex(CE900F)

Have a look what the booklet for  
Hex(CE900F) contains.

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# **Color**

**Hex(CE900F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE900F
RGB	206, 144, 15
RGB Percent	81%, 56%, 6%
CMY	0.1922, 0.4353, 0.9412
CMYK	0.00, 0.30, 0.93, 0.19
HSL	41°, 86%, 43%
HSV	41°, 93%, 81%
XYZ	35.5131, 33.1028, 4.9697
YIQ	147.8320, 78.3610, -26.9750

# Conversions

## Conversions Part 2

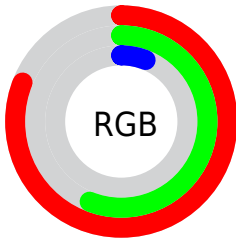
Format	Color
<b>RYB</b>	107, 206, 15
Decimal	13537295
CIELab	64.24, 14.25, 66.88
CIELCh	64, 68.377, 77.975
Yxy	33.1028, 0.4826, 0.4499
Android (android.graphics.Color)	4291727375 (0xFFCE900F)
YUV	147.8320, -65.4862, 51.0133
Hunter-Lab	57.5350, 9.4915, 35.1533

# Details

The Hex color **CE900F** 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 **0F4DCE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC64E**, and **925E00** is the 20% darker color. If you saturate the color by 10%, you get **CE8B00**, and if you desaturate by 10%, it is **CE9724**.

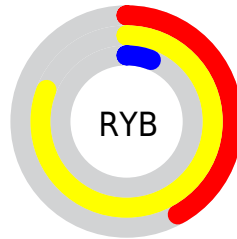
# Distribution



Red (81%)

Green (56%)

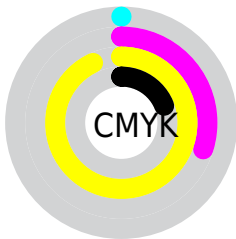
Blue (6%)



Red (42%)

Yellow (81%)

Blue (6%)

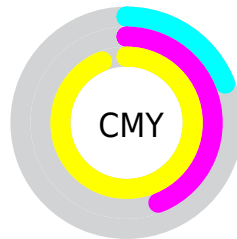


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE900F 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 CE900F by changing the saturation by 10% instead.



 CE900F

 CE900F

FFFFFF

 B07600

 FFC64E

 925E00

 FFE26A

 754600

 FFFE85

 593000

 FFFFA1

 3D1B00

 FFFFBD

 250400

 FFFFDA

 000000

 FFFFF7

 CE900F

 CE900F

■ CE8B00

■ CE9724

■ CE9D38

■ CEA44D

■ CEAB61

■ CEB176

■ CEB88B

■ CEBF9F

■ CEC5B4

■ CECCC8

# Harmonies

## Analogous

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



F77642



CE900F



97A40C

# Triad

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



CE900F



00B8C0



CC7BEE

# Complementary

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



CE900F



0F4DCE

# 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.



6896FF



CE900F



00B5F6

# Square

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



CE900F



00B780



00AAFF



FD62B7

# Rectangle

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



CE900F



69AD31



00AAFF



B284FD



# Sweetspot

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



CE900F



FFE8B8



CE0F4F



807154



000000



808080



# Same Dimension

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



CE900F



FFAC00



AECE0F



66635C



A67000



261A00



# Inverse Universe

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



0F4DCE



0053FF



2F0FCE



5C5F66



0036A6



000C26



# Previews

## White Background



This preview shows how the Hex color CE900F looks on a white background.

## Color Contrast Check

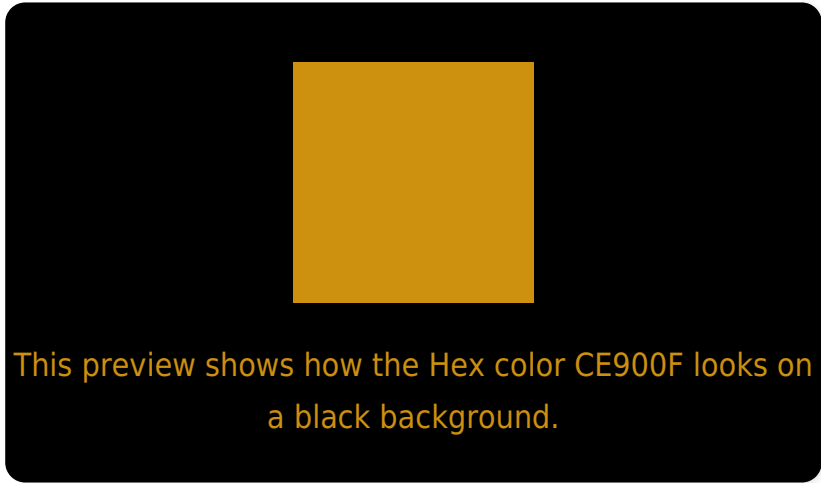
Large Text (above 18pt) WCAG AA × Fail

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 CE900F Background



This preview shows how black text looks on a background with the Hex color CE900F.



This preview shows how white text looks on a background with the Hex color CE900F.

# 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**  
CE900F

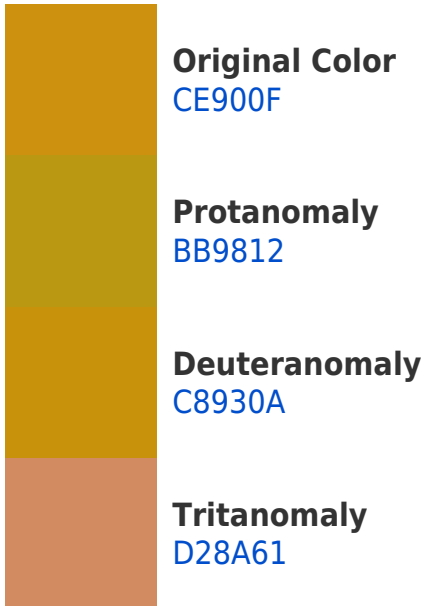
**Protanopia**  
B09D14

**Deuteranopia**  
C59407



**Tritanopia**  
D48690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE900F 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 #CE900F looks like.

```
.text, #text, p{  
    color:#CE900F  
}
```

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 #CE900F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE900F
}
```

## Border

The CSS property to change the border of an element to Hex CE900F 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
#CE900F }
```

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

```
.border{ border-color:#CE900F }
```

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

Here you see how a box with a 4 pixel #CE900F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE900F; -webkit-box-shadow:4px 4px  
4px 4px #CE900F; box-shadow:4px 4px 4px  
4px #CE900F }
```

# Background

The CSS property to change the background color of an element to Hex CE900F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE900F }
```

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

```
.background{ background-color:#CE900F }
```

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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