

# Converting Colors

Hex(C97A00)

Have a look what the booklet for  
Hex(C97A00) contains.

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**Color**

**Hex(C97A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C97A00
RGB	201, 122, 0
RGB Percent	79%, 48%, 0%
CMY	0.2118, 0.5216, 1.0000
CMYK	0.00, 0.39, 1.00, 0.21
HSL	36°, 100%, 39%
HSV	36°, 100%, 79%
XYZ	31.0469, 26.3366, 3.4471
YIQ	131.7130, 86.2460, -21.1940

# Conversions

## Conversions Part 2

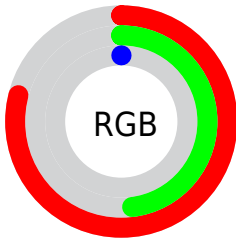
Format	Color
R <sub>Y</sub> B	130, 201, 0
Decimal	13203968
CIE Lab	58.36, 23.85, 64.93
CIE LCh	58, 69.171, 69.830
Yxy	26.3366, 0.5104, 0.4329
Android (android.graphics.Color)	4291394048 (0xFFC97A00)
YUV	131.7130, -64.9345, 60.7647
Hunter-Lab	51.3192, 18.1799, 31.9409

# Details

The Hex color **C97A00** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **004FC9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFAF44**, and **8D4900** is the 20% darker color. If you saturate the color by 10%, you get **C97A00**, and if you desaturate by 10%, it is **C98214**.

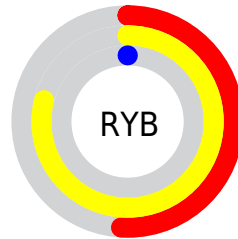
# Distribution



Red (79%)

Green (48%)

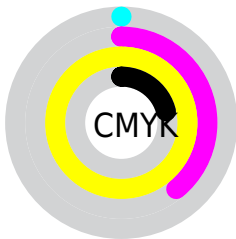
Blue (0%)



Red (51%)

Yellow (79%)

Blue (0%)

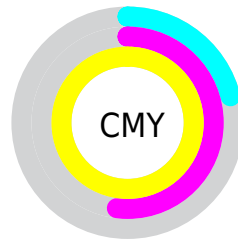


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C97A00 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 C97A00 by changing the saturation by 10% instead.



 C97A00

 C97A00

FFFFFF

 AA6100

 FFAF44

 8D4900

 FFCA5F

 6F3200

 FFE67A

 521C00

 FFFF96

 370500

 FFFFFB2

 1E0001

 FFFFCE

 000000

 FFFFEB

 C97A00

 C98214

 C98A28

 C9923C

 C99A50

 C9A265

 C9A979

 C9B18D

 C9B9A1

 C9C1B5

# Harmonies

## Analogous

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



EC5E41



C97A00



969000

# Triad

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



C97A00



00A89F



A773EA

# Complementary

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



C97A00



004FC9

# 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.



008DFF



C97A00



00A6D9

# Square

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



C97A00



00A560



009EFE



E356B7

# Rectangle

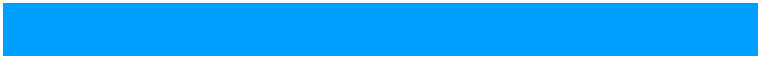
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C97A00



6C9A06



009EFE



887CF6



# Sweetspot

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



C97A00



FFE1B3



C90050



806D52



000000



808080



# Same Dimension

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



C97A00



FF9B00



B5C900



63605A



A36300



241600



# Inverse Universe

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



004FC9



0064FF



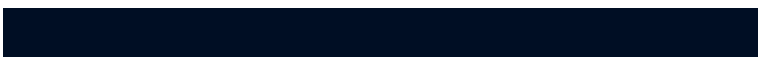
1400C9



5A5D63



0040A3



000E24



# Previews

## White Background



This preview shows how the Hex color C97A00 looks on a white background.

## Color Contrast Check

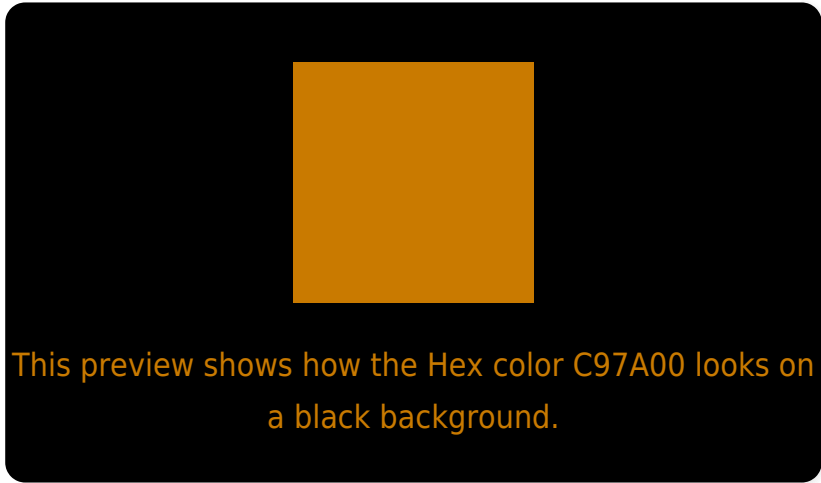
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C97A00 Background



This preview shows how black text looks on a background with the Hex color C97A00.



This preview shows how white text looks on a background with the Hex color C97A00.

# 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



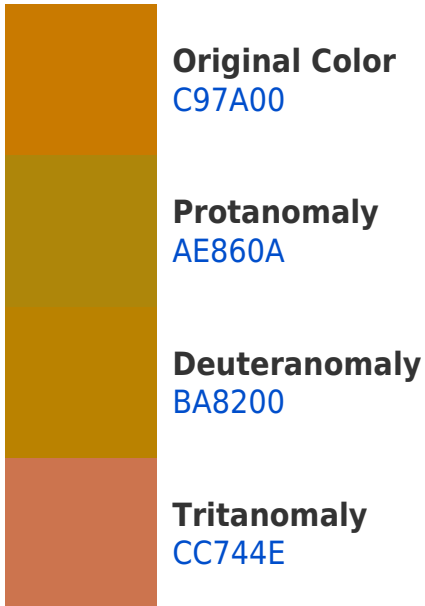
**Original Color**  
C97A00

**Protanopia**  
9F8D0F

**Deuteranopia**  
B28600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C97A00 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 #C97A00 looks like.

```
.text, #text, p{  
    color:#C97A00  
}
```

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 #C97A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C97A00
}
```

## Border

The CSS property to change the border of an element to Hex C97A00 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
#C97A00 }
```

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

```
.border{ border-color:#C97A00 }
```

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

Here you see how a box with a 4 pixel #C97A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C97A00; -webkit-box-shadow:4px 4px  
4px 4px #C97A00; box-shadow:4px 4px 4px  
4px #C97A00 }
```

# Background

The CSS property to change the background color of an element to Hex C97A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C97A00 }
```

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

```
.background{ background-color:#C97A00 }
```

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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