

# Converting Colors

Hex(C0971A)

Have a look what the booklet for  
Hex(C0971A) contains.

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**Color**

**Hex(C0971A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0971A
RGB	192, 151, 26
RGB Percent	75%, 59%, 10%
CMY	0.2471, 0.4078, 0.8980
CMYK	0.00, 0.21, 0.86, 0.25
HSL	45°, 76%, 43%
HSV	45°, 86%, 75%
XYZ	32.9913, 33.4143, 5.6881
YIQ	149.0090, 64.5610, -30.1830

# Conversions

## Conversions Part 2

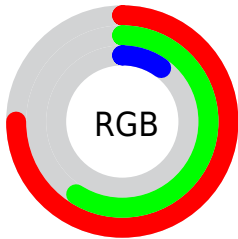
Format	Color
<b>RYB</b>	80, 192, 26
Decimal	12621594
CIELab	64.49, 4.43, 64.02
CIELCh	64, 64.173, 86.042
Yxy	33.4143, 0.4576, 0.4635
Android (android.graphics.Color)	4290811674 (0xFFC0971A)
YUV	149.0090, -60.6434, 37.7031
Hunter-Lab	57.8051, 0.7170, 34.6294

# Details

The Hex color **C0971A** 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 **1A43C0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FCCD55**, and **866500** is the 20% darker color. If you saturate the color by 10%, you get **C09207**, and if you desaturate by 10%, it is **C09C2D**.

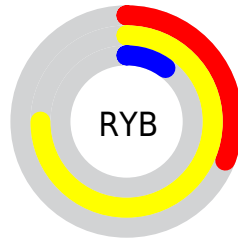
# Distribution



Red (75%)

Green (59%)

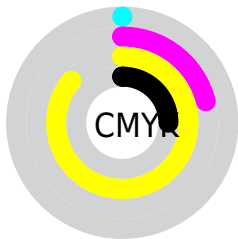
Blue (10%)



Red (31%)

Yellow (75%)

Blue (10%)

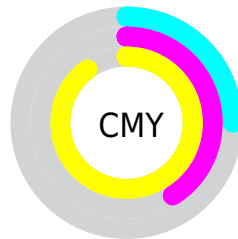


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0971A 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 C0971A by changing the saturation by 10% instead.



 C0971A

 C0971A

FFFFFF

 A37D00

 FCCD55

 866500

 FFE970

 6A4D00

 FFFF8B

 4E3700

 FFFFA7

 342100

 FFFFC3

 1B0C00

 FFFFEO

 000000

FFFFFFE

 C0971A

 C0971A

 C09207

 C09C2D

 C09100

 C0A040

 C0A554

 C0AA67

 C0AF7A

 C0B38D

 C0B8A0

 C0BDB4

 C0C2C7

# Harmonies

## Analogous

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



EA803C



C0971A



89A829

# Triad

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



C0971A



00B7CD



DA77DD

# Complementary

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



C0971A



1A43C0

# 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.



8F90FF



C0971A



00B2FB

# Square

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



C0971A



00B793



00A5FF



FF66A6

# Rectangle

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



C0971A



59AF47



00A5FF



C67FED

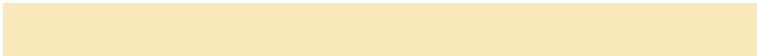


# Sweetspot

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



C0971A



FAEAB9



C01A43



7D7356



FCFCFC



7D7D7D



# Same Dimension

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



C0971A



FABC00



97C01A



615F57



A17900



211900



# Inverse Universe

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



1A43C0



003EFA



431AC0



575A61



0028A1



000821



# Previews

## White Background



This preview shows how the Hex color C0971A looks on a white background.

## Color Contrast Check

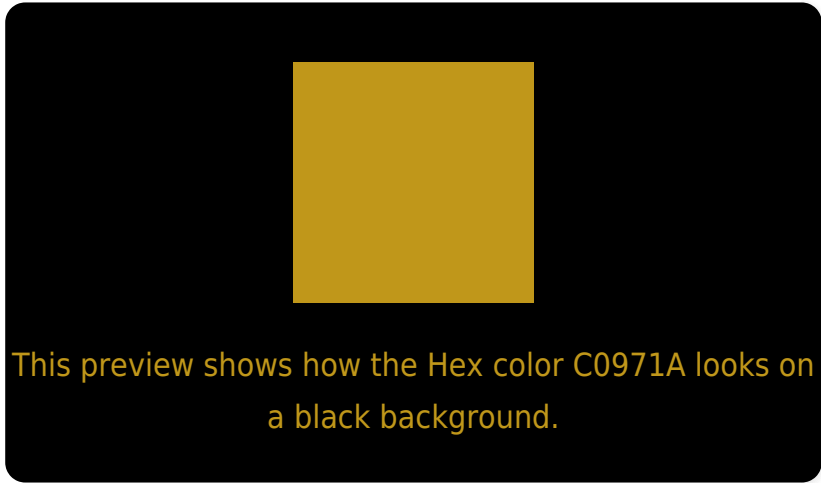
Large Text (above 18pt) WCAG AA × Fail

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 C0971A Background



This preview shows how black text looks on a background with the Hex color C0971A.



This preview shows how white text looks on a background with the Hex color C0971A.

# 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**  
C0971A

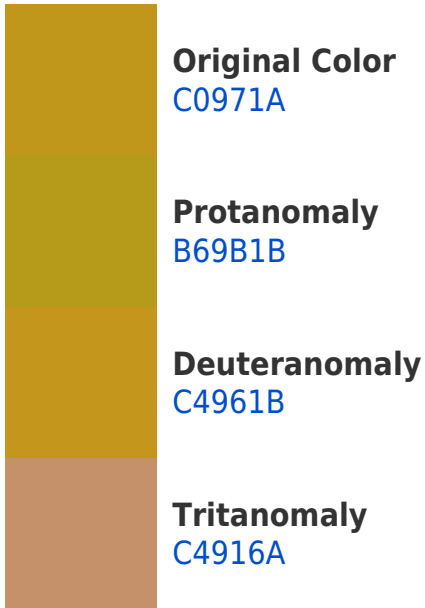
**Protanopia**  
B09D1C

**Deuteranopia**  
C6951C



**Tritanopia**  
C78D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0971A 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 #C0971A looks like.

```
.text, #text, p{  
    color:#C0971A  
}
```

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 #C0971A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0971A
}
```

## Border

The CSS property to change the border of an element to Hex C0971A 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
#C0971A }
```

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

```
.border{ border-color:#C0971A }
```

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

Here you see how a box with a 4 pixel #C0971A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0971A; -webkit-box-shadow:4px 4px  
4px 4px #C0971A; box-shadow:4px 4px 4px  
4px #C0971A }
```

# Background

The CSS property to change the background color of an element to Hex C0971A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0971A }
```

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

```
.background{ background-color:#C0971A }
```

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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