

# Converting Colors

Hex(C96321)

Have a look what the booklet for  
Hex(C96321) contains.

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**Color**

**Hex(C96321)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C96321
RGB	201, 99, 33
RGB Percent	79%, 39%, 13%
CMY	0.2118, 0.6118, 0.8706
CMYK	0.00, 0.51, 0.84, 0.21
HSL	24°, 72%, 46%
HSV	24°, 84%, 79%
XYZ	28.8237, 21.4510, 4.0601
YIQ	121.9740, 81.9780, 1.0980

# Conversions

## Conversions Part 2

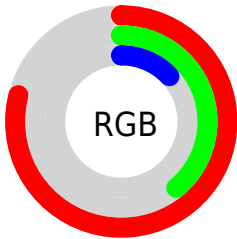
<b>Format</b>	<b>Color</b>
<b>RYB</b>	201, 142, 33
Decimal	13198113
CIELab	53.44, 36.62, 52.91
CIElCh	53, 64.341, 55.314
Yxy	21.4510, 0.5305, 0.3948
Android (android.graphics.Color)	4291388193 (0xFFC96321)
YUV	121.9740, -43.8642, 69.3058
Hunter-Lab	46.3152, 30.0358, 27.2231

# Details

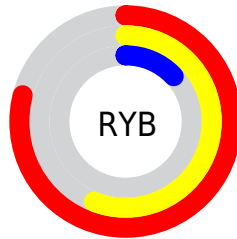
The Hex color **C96321** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2187C9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9754**, and **8C3100** is the 20% darker color. If you saturate the color by 10%, you get **C9570D**, and if you desaturate by 10%, it is **C96F35**.

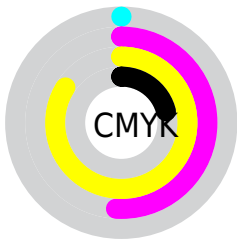
# Distribution



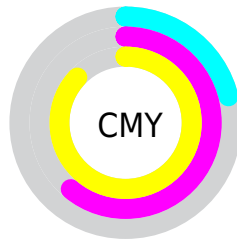
- Red (79%)
- Green (39%)
- Blue (13%)



- Red (79%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (84%)
- Black (21%)



- Cyan (21%)
- Magenta (61%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C96321 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 C96321 by changing the saturation by 10% instead.



 C96321

 C96321

FFFFFF

 AA4A02

 FF9754

 8C3100

 FFB36D

 6E1700

 FFCF88

 510000

 FFEBA3

 360000

 FFFFBE

 130000

 FFFFFDA

 000000

 FFFFFF7

 C96321

 C96321

 C9570D

 C96F35

 C94F00

 C97B49

 C9885D

 C99471

 C9A086

 C9AC9A

 C9B8AE

 C9C5C2

 C9D1D6

# Harmonies

## Analogous

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



E04B54



C96321



A17A00

# Triad

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



C96321



009875



6B75E5

# Complementary

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



C96321



2187C9

# 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.



0089EF



C96321



0099AE

# Square

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



C96321



00943C



0094DA



B95AC0

# Rectangle

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



C96321



7F8600



0094DA



3A7CEB



# Sweetspot

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



C96321



FFD8BF



C92189



806859



000000



808080



# Same Dimension

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



C96321



FF6400



C9B521



635D5A



A34000



240E00

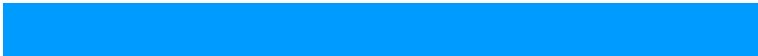


# Inverse Universe

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



2187C9



009BFF



2135C9



5A6063



0063A3



001624



# Previews

## White Background



This preview shows how the Hex color C96321 looks on a white background.

## Color Contrast Check

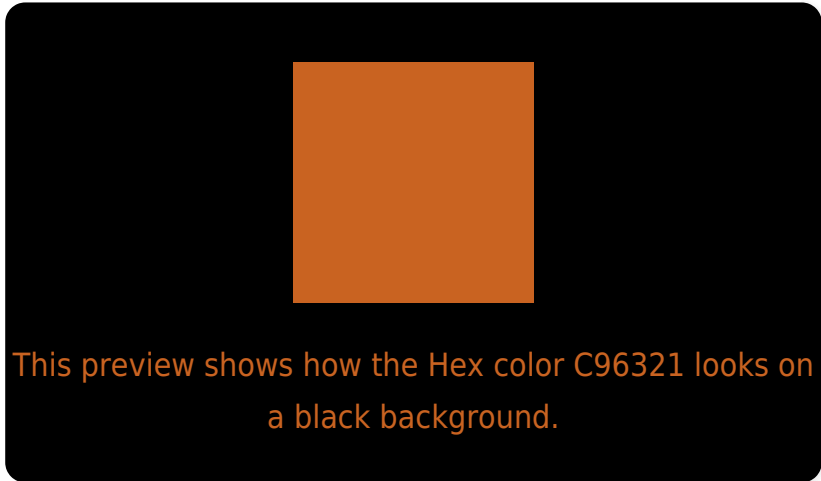
Large Text (above 18pt) WCAG AA ✓ Pass

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 C96321 Background



This preview shows how black text looks on a background with the Hex color C96321.



This preview shows how white text looks on a background with the Hex color C96321.

# 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



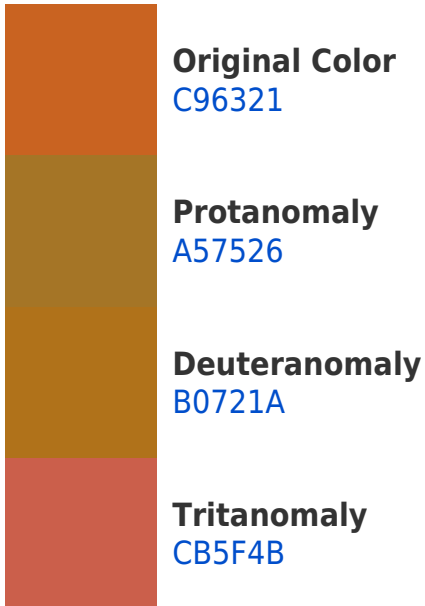
**Original Color**  
C96321

**Protanopia**  
908029

**Deuteranopia**  
A27A16



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C96321 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 #C96321 looks like.

```
.text, #text, p{  
    color:#C96321  
}
```

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 #C96321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96321
}
```

## Border

The CSS property to change the border of an element to Hex C96321 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
#C96321 }
```

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

```
.border{ border-color:#C96321 }
```

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

Here you see how a box with a 4 pixel #C96321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96321; -webkit-box-shadow:4px 4px  
4px 4px #C96321; box-shadow:4px 4px 4px  
4px #C96321 }
```

# Background

The CSS property to change the background color of an element to Hex C96321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96321 }
```

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

```
.background{ background-color:#C96321 }
```

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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