

# Converting Colors

Hex(C46908)

Have a look what the booklet for  
Hex(C46908) contains.

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**Color**

**Hex(C46908)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46908
RGB	196, 105, 8
RGB Percent	77%, 41%, 3%
CMY	0.2314, 0.5882, 0.9686
CMYK	0.00, 0.46, 0.96, 0.23
HSL	31°, 92%, 40%
HSV	31°, 96%, 77%
XYZ	27.8604, 21.8564, 2.9800
YIQ	121.1510, 85.3730, -10.8750

# Conversions

## Conversions Part 2

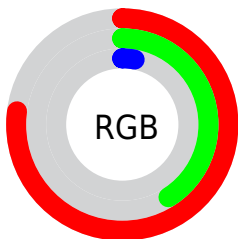
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	184, 196, 8
Decimal	12871944
CIE Lab	53.87, 30.96, 60.20
CIE LCh	54, 67.694, 62.787
Yxy	21.8564, 0.5287, 0.4148
Android (android.graphics.Color)	4291062024 (0xFFC46908)
YUV	121.1510, -55.7834, 65.6426
Hunter-Lab	46.7509, 24.5599, 28.9463

# Details

The Hex color **C46908** 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 **0863C4**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9D44**, and **883800** is the 20% darker color. If you saturate the color by 10%, you get **C46500**, and if you desaturate by 10%, it is **C4721C**.

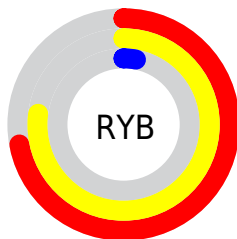
# Distribution



Red (77%)

Green (41%)

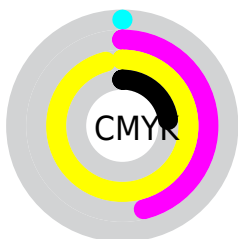
Blue (3%)



Red (72%)

Yellow (77%)

Blue (3%)

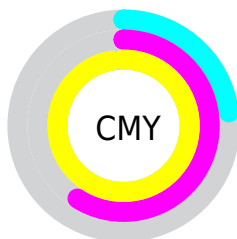


Cyan (0%)

Magenta (46%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (59%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46908 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 C46908 by changing the saturation by 10% instead.



 C46908

 C46908

FFFFFF

 A55000

 FF9D44

 883800

 FFB85F

 6A2000

 FFD479

 4D0700

 FFF194

 320000

 FFFFFB0

 0C0000

 FFFFCC

 000000

 FFFF E9

 C46908

 C46908

 C46500

 C4721C

 C47C2F

 C48543

 C48F56

 C4986A

 C4A27E

 C4AB91

 C4B5A5

 C4BEB8

# Harmonies

## Analogous

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



E14D45



C46908



968000

# Triad

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



C46908



009B85



856EE4

# Complementary

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



C46908



0863C4

# 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.



0086F6



C46908



009ABF

# Square

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



C46908



009748



0094E9



CA51B7

# Rectangle

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



C46908



708B00



0094E9



5F77ED



# Sweetspot

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



C46908



FFDBB5



C40866



806A53



000000



808080



# Same Dimension

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



C46908



FF8400



C4C408



615C57



A15300



211100



# Inverse Universe

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



0863C4



007BFF



0808C4



575C61



004EA1



001021



# Previews

## White Background



This preview shows how the Hex color C46908 looks on a white background.

## Color Contrast Check

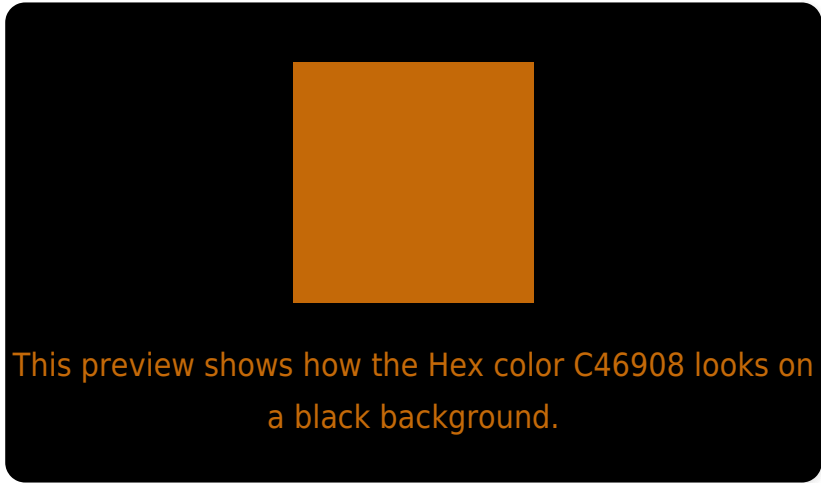
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46908 Background



This preview shows how black text looks on a background with the Hex color C46908.



This preview shows how white text looks on a background with the Hex color C46908.

# 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**  
C46908

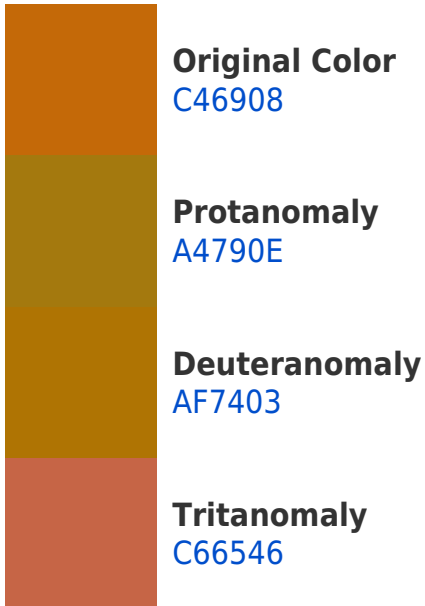
**Protanopia**  
928212

**Deuteranopia**  
A37B00

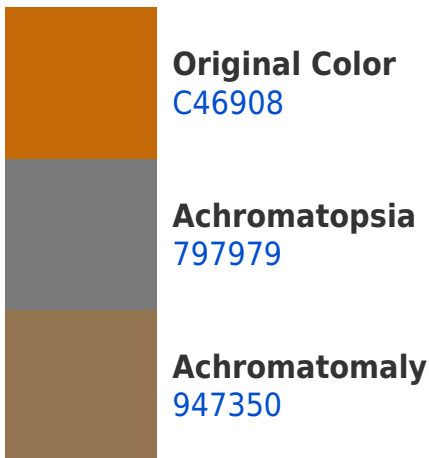


**Tritanopia**  
C76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46908 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 #C46908 looks like.

```
.text, #text, p{  
    color:#C46908  
}
```

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 #C46908 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46908
}
```

## Border

The CSS property to change the border of an element to Hex C46908 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
#C46908 }
```

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

```
.border{ border-color:#C46908 }
```

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

Here you see how a box with a 4 pixel #C46908 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46908; -webkit-box-shadow:4px 4px  
4px 4px #C46908; box-shadow:4px 4px 4px  
4px #C46908 }
```

# Background

The CSS property to change the background color of an element to Hex C46908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46908 }
```

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

```
.background{ background-color:#C46908 }
```

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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