

# Converting Colors

Hex(C74B08)

Have a look what the booklet for  
Hex(C74B08) contains.

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**Color**

**Hex(C74B08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74B08
RGB	199, 75, 8
RGB Percent	78%, 29%, 3%
CMY	0.2196, 0.7059, 0.9686
CMYK	0.00, 0.62, 0.96, 0.22
HSL	21°, 92%, 41%
HSV	21°, 96%, 78%
XYZ	26.1131, 17.1918, 2.1718
YIQ	104.4380, 95.4110, 5.4510

# Conversions

## Conversions Part 2

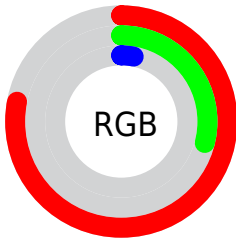
Format	Color
<a href="#">RYB</a>	<a href="#">199, 111, 8</a>
Decimal	<a href="#">13060872</a>
CIELab	<a href="#">48.50, 47.02, 56.97</a>
CIELCh	<a href="#">49, 73.870, 50.463</a>
Yxy	<a href="#">17.1918, 0.5742, 0.3780</a>
Android (android.graphics.Color)	<a href="#">4291250952</a> ( <a href="#">0xFFC74B08</a> )
YUV	<a href="#">104.4380, -47.5439, 82.9309</a>
Hunter-Lab	<a href="#">41.4630, 39.8578, 25.9186</a>

# Details

The Hex color **C74B08** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0884C7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF8040**, and **891100** is the 20% darker color. If you saturate the color by 10%, you get **C74600**, and if you desaturate by 10%, it is **C7581C**.

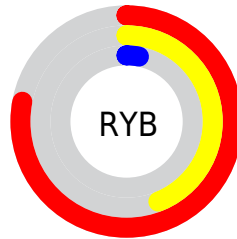
# Distribution



Red (78%)

Green (29%)

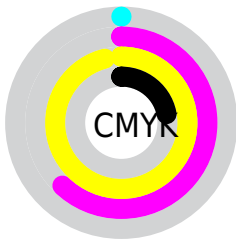
Blue (3%)



Red (78%)

Yellow (44%)

Blue (3%)

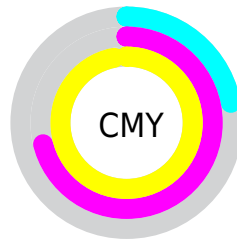


Cyan (0%)

Magenta (62%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (71%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C74B08 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 C74B08 by changing the saturation by 10% instead.



 C74B08

 C74B08

FFFFFFE

 A83000

 FF8040

 891100

 FF9B59

 6A0000

 FFB773

 4C0000

 FFD48E

 320002

 FFF1A9

 000000

 FFFFFC5

 FFFFFE1

 C74B08

 C74B08

 C74600

 C7581C

 C76530

 C77244

 C77F58

 C78C6C

 C7997F

 C7A593

 C7B2A7

 C7BFBB

# Harmonies

## Analogous

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



DD244C



C74B08



9C6900

# Triad

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



C74B08



008D5C



2F6CEA

# Complementary

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



C74B08



0884C7

# 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.



0081F0



C74B08



008E9D

# Square

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



C74B08



008815



008BD3



A84AC4

# Rectangle

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



C74B08



787800



008BD3



0074F0



# Sweetspot

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



C74B08



FFCFB5



C70884



806353



000000



808080



# Same Dimension

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



C74B08



FF5900



C7AA08



635D5A



A33900



240D00

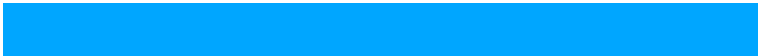


# Inverse Universe

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



0884C7



00A6FF



0825C7



5A6063



006AA3



001724



# Previews

## White Background



This preview shows how the Hex color C74B08 looks on a white background.

## Color Contrast Check

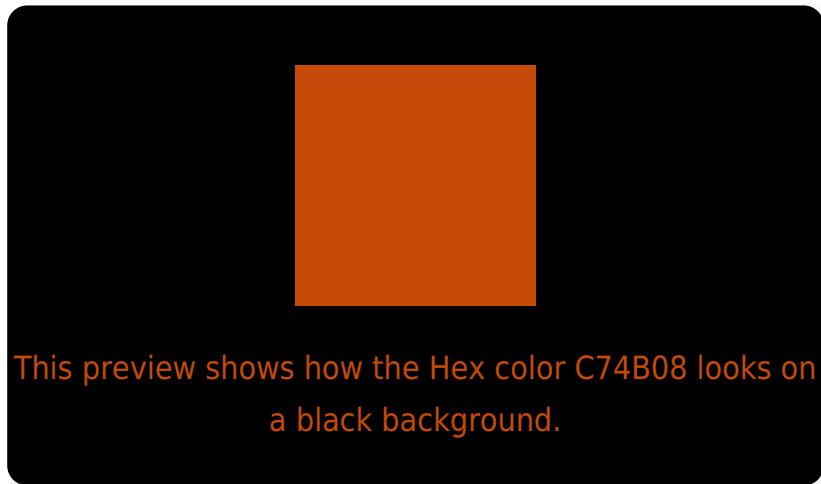
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C74B08 Background



This preview shows how black text looks on a background with the Hex color C74B08.



This preview shows how white text looks on a background with the Hex color C74B08.

# 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**  
C74B08

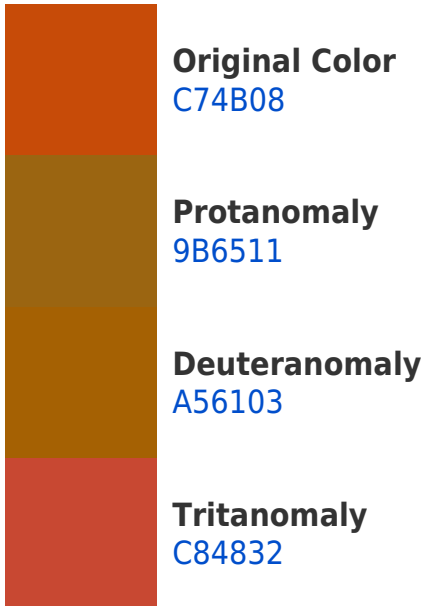
**Protanopia**  
827416

**Deuteranopia**  
926E00

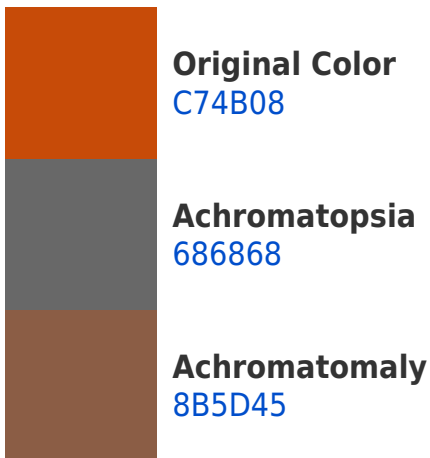


**Tritanopia**  
C9464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C74B08 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 #C74B08 looks like.

```
.text, #text, p{  
    color:#C74B08  
}
```

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 #C74B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74B08
}
```

## Border

The CSS property to change the border of an element to Hex C74B08 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
#C74B08 }
```

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

```
.border{ border-color:#C74B08 }
```

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

Here you see how a box with a 4 pixel #C74B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74B08; -webkit-box-shadow:4px 4px  
4px 4px #C74B08; box-shadow:4px 4px 4px  
4px #C74B08 }
```

# Background

The CSS property to change the background color of an element to Hex C74B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74B08 }
```

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

```
.background{ background-color:#C74B08 }
```

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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