

# Converting Colors

Hex(CC4B0A)

Have a look what the booklet for  
Hex(CC4B0A) contains.

<b>Hex(CC4B0A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(CC4B0A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4B0A
RGB	204, 75, 10
RGB Percent	80%, 29%, 4%
CMY	0.2000, 0.7059, 0.9608
CMYK	0.00, 0.63, 0.95, 0.20
HSL	20°, 91%, 42%
HSV	20°, 95%, 80%
XYZ	27.4727, 17.8914, 2.2926
YIQ	106.1610, 97.7490, 7.1330

# Conversions

## Conversions Part 2

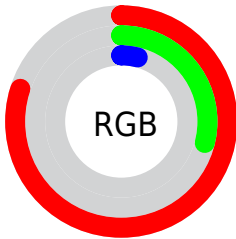
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 108, 10
Decimal	13388554
CIE Lab	49.36, 48.85, 57.47
CIE LCh	49, 75.425, 49.636
Yxy	17.8914, 0.5765, 0.3754
Android (android.graphics.Color)	4291578634 (0xFFCC4B0A)
YUV	106.1610, -47.4074, 85.8048
Hunter-Lab	42.2983, 41.9137, 26.3953

# Details

The Hex color **CC4B0A** 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 **0A8BCC**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF8141**, and **8D0F00** is the 20% darker color. If you saturate the color by 10%, you get **CC4400**, and if you desaturate by 10%, it is **CC591E**.

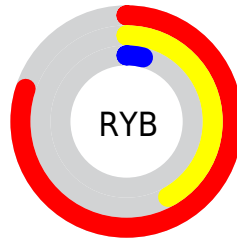
# Distribution



Red (80%)

Green (29%)

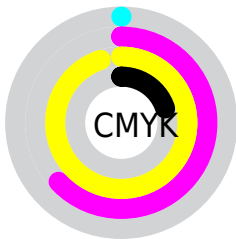
Blue (4%)



Red (80%)

Yellow (42%)

Blue (4%)

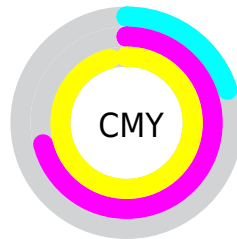


Cyan (0%)

Magenta (63%)

Yellow (95%)

Black (20%)



Cyan (20%)

Magenta (71%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4B0A 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 CC4B0A by changing the saturation by 10% instead.



 CC4B0A

 CC4B0A

FFFFFF

 AC3000

 FF8141

 8D0F00

 FF9C5B

 6E0000

 FFB875

 510000

 FFD48F

 370002

 FFF1AA

 080000

 FFFFC6

 000000

 FFFF E3

 CC4B0A

 CC4B0A

■ CC4400

■ CC591E

■ CC6633

■ CC7447

■ CC815C

■ CC8F70

■ CC9C84

■ CCAA99

■ CCB8AD

■ CCC5C2

# Harmonies

## Analogous

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



E2224F



CC4B0A



A16B00

# Triad

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



CC4B0A



008F5C



246EF0

# Complementary

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



CC4B0A



0A8BCC

# 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.



0084F5



CC4B0A



00919F

# Square

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



CC4B0A



008A11



008ED7



AA4CC9

# Rectangle

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



CC4B0A



7C7900



008ED7



0077F5



# Sweetspot

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



CC4B0A



FFCEB5



CC0A8B



806253



000000



808080



# Same Dimension

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



CC4B0A



FF5500



CCAC0A



665F5C



A63800



260D00

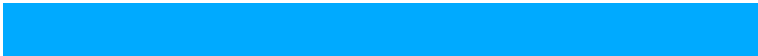


# Inverse Universe

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



0A8BCC



00AAFF



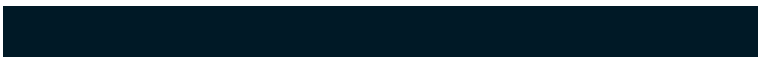
0A2ACC



5C6366



006EA6



001926



# Previews

## White Background



This preview shows how the Hex color CC4B0A looks on a white background.

## Color Contrast Check

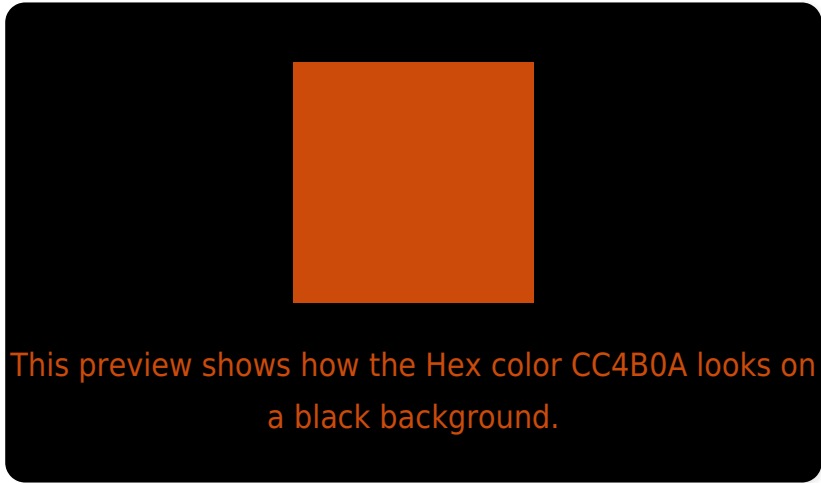
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 CC4B0A Background



This preview shows how black text looks on a background with the Hex color CC4B0A.



This preview shows how white text looks on a background with the Hex color CC4B0A.

# 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**  
CC4B0A

**Protanopia**  
857617

**Tritanopia**  
CE464A

# Trichromacy



**Original Color**  
CC4B0A

**Protanomaly**  
9F6612

**Tritanomaly**  
CD4833

# Monochromacy



**Original Color**  
CC4B0A

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
8E5F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4B0A 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 #CC4B0A looks like.

```
.text, #text, p{  
    color:#CC4B0A  
}
```

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 #CC4B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4B0A
}
```

## Border

The CSS property to change the border of an element to Hex CC4B0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

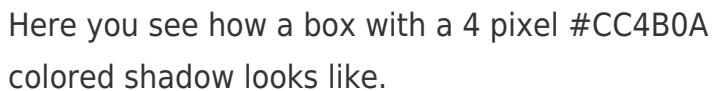
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC4B0A }
```

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

```
.border{ border-color:#CC4B0A }
```

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



Here you see how a box with a 4 pixel `#CC4B0A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4B0A; -webkit-box-shadow:4px 4px  
4px 4px #CC4B0A; box-shadow:4px 4px 4px  
4px #CC4B0A }
```

# Background

The CSS property to change the background color of an element to Hex CC4B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4B0A }
```

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

```
.background{ background-color:#CC4B0A }
```

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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