

# Converting Colors

Hex(C44D08)

Have a look what the booklet for  
Hex(C44D08) contains.

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**Color**

**Hex(C44D08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C44D08
RGB	196, 77, 8
RGB Percent	77%, 30%, 3%
CMY	0.2314, 0.6980, 0.9686
CMYK	0.00, 0.61, 0.96, 0.23
HSL	22°, 92%, 40%
HSV	22°, 96%, 77%
XYZ	25.4627, 17.0610, 2.1808
YIQ	104.7150, 93.0730, 3.7690

# Conversions

## Conversions Part 2

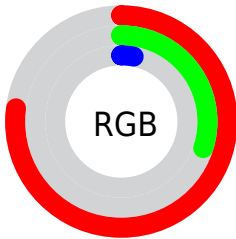
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 117, 8
Decimal	12864776
CIELab	48.34, 45.01, 56.61
CIELCh	48, 72.323, 51.513
Yxy	17.0610, 0.5696, 0.3816
Android (android.graphics.Color)	4291054856 (0xFFC44D08)
YUV	104.7150, -47.6805, 80.0569
Hunter-Lab	41.3050, 37.7533, 25.7831

# Details

The Hex color **C44D08** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **087FC4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF8240**, and **861500** is the 20% darker color. If you saturate the color by 10%, you get **C44800**, and if you desaturate by 10%, it is **C4591C**.

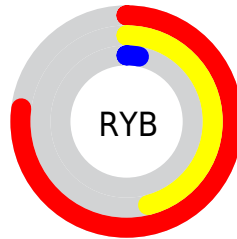
# Distribution



Red (77%)

Green (30%)

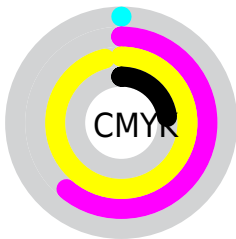
Blue (3%)



Red (77%)

Yellow (46%)

Blue (3%)

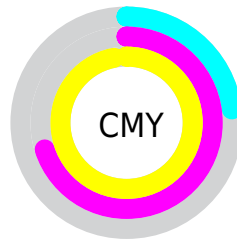


Cyan (0%)

Magenta (61%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (70%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C44D08 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 C44D08 by changing the saturation by 10% instead.



 C44D08

 C44D08

FFFFFFE

 A53300

 FF8240

 861500

 FF9D59

 680000

 FFB973

 4A0000

 FFD58E

 300002

 FFF2A9

 000000

 FFFFFC5

 FFFFFE1

 C44D08

 C44D08

 C44800

 C4591C

 C4662F

 C47243

 C47F56

 C48B6A

 C4977E

 C4A491

 C4B0A5

 C4BDB8

# Harmonies

## Analogous

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



DB294A



C44D08



9A6A00

# Triad

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



C44D08



008C5F



3C6AE6

# Complementary

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



C44D08



087FC4

# 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.



0080ED



C44D08



008D9E

# Square

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



C44D08



00871B



008AD2



A949C0

# Rectangle

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



C44D08



767800



008AD2



0073EC



# Sweetspot

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



C44D08



FFD0B5



C4087F



806353



000000



808080



# Same Dimension

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



C44D08



FF5E00



C4AB08



615B57



A13B00



210C00

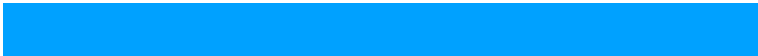


# Inverse Universe

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



087FC4



00A1FF



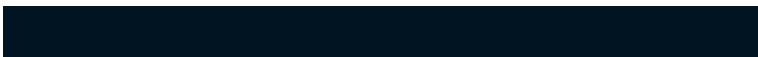
0821C4



575D61



0066A1



001521



# Previews

## White Background



This preview shows how the Hex color C44D08 looks on a white background.

## Color Contrast Check

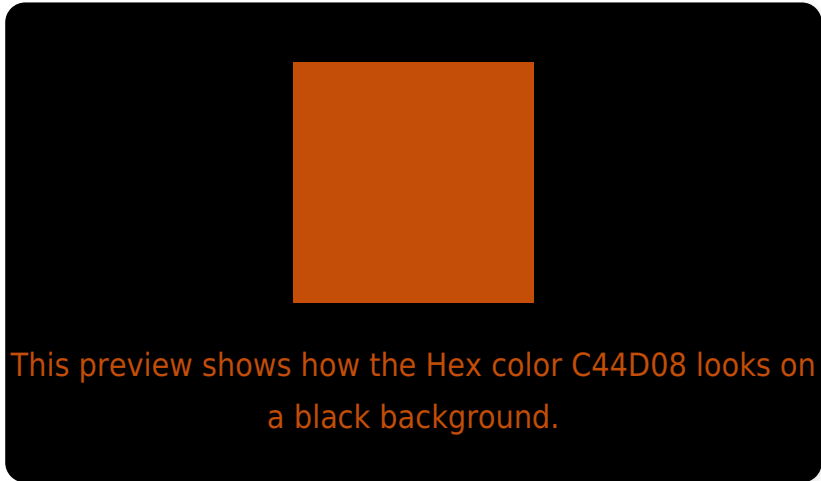
Large Text (above 18pt) WCAG AA ✓ Pass

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 C44D08 Background



This preview shows how black text looks on a background with the Hex color C44D08.



This preview shows how white text looks on a background with the Hex color C44D08.

# 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**  
C44D08

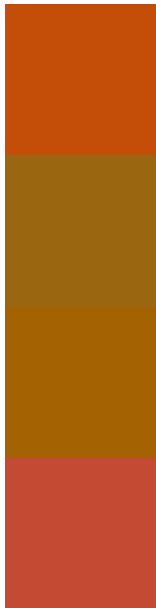
**Protanopia**  
827415

**Deuteranopia**  
926E00



**Tritanopia**  
C6484C

# Trichromacy



**Original Color**  
C44D08

**Protanomaly**  
9A6610

**Deuteranomaly**  
A46203

**Tritanomaly**  
C54A33

# Monochromacy



**Original Color**  
C44D08

**Achromatopsia**  
696969

**Achromatomaly**  
8A5F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C44D08 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 #C44D08 looks like.

```
.text, #text, p{  
    color:#C44D08  
}
```

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 #C44D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C44D08
}
```

## Border

The CSS property to change the border of an element to Hex C44D08 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
#C44D08 }
```

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

```
.border{ border-color:#C44D08 }
```

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

Here you see how a box with a 4 pixel #C44D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C44D08; -webkit-box-shadow:4px 4px  
4px 4px #C44D08; box-shadow:4px 4px 4px  
4px #C44D08 }
```

# Background

The CSS property to change the background color of an element to Hex C44D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C44D08 }
```

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

```
.background{ background-color:#C44D08 }
```

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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