

Converting Colors

Hex(C42C0B)

Have a look what the booklet for
Hex(C42C0B) contains.

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Color

Hex(C42C0B)

Conversions

Conversions Part 1

Format	Color
Hex	C42C0B
RGB	196, 44, 11
RGB Percent	77%, 17%, 4%
CMY	0.2314, 0.8275, 0.9569
CMYK	0.00, 0.78, 0.94, 0.23
HSL	11°, 89%, 41%
HSV	11°, 94%, 77%
XYZ	23.7260, 13.5613, 1.6837
YIQ	85.6860, 101.1850, 21.9610

Conversions

Conversions Part 2

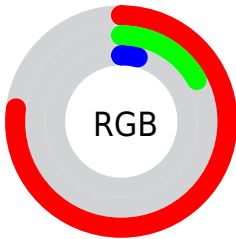
Format	Color
RYB	196, 51, 11
Decimal	12856331
CIELab	43.60, 57.94, 52.93
CIElCh	44, 78.473, 42.412
Yxy	13.5613, 0.6088, 0.3480
Android (android.graphics.Color)	4291046411 (0xFFC42C0B)
YUV	85.6860, -36.8202, 96.7454
Hunter-Lab	36.8257, 50.5591, 23.0672

Details

The Hex color **C42C0B** 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 **0BA3C4**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF673E**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C42300**, and if you desaturate by 10%, it is **C43C1F**.

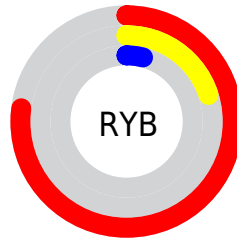
Distribution



Red (77%)

Green (17%)

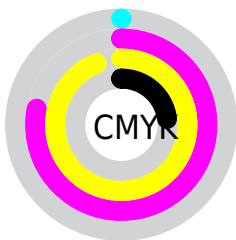
Blue (4%)



Red (77%)

Yellow (20%)

Blue (4%)

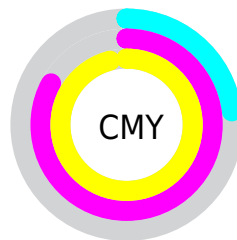


Cyan (0%)

Magenta (78%)

Yellow (94%)

Black (23%)



Cyan (23%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42C0B 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 C42C0B by changing the saturation by 10% instead.

 C42C0B

 C42C0B

 FFFFF9

 A40000

 FF673E

 850000

 FF8256

 660000

 FF9F70

 480001

 FFBB8A

 2B0001

 FFD8A5

 000000

 FFF5C0

 FFFFDC

 C42C0B

 C42C0B

 C42300

 C43C1F

 C44C32

 C45C46

 C46C59

 C47D6D

 C48D81

 C49D94

 C4ADA8

 C4BDBB

Harmonies

Analogous

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



D5004F



C42C0B



9D5500

Triad

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



C42C0B



007F3D



0067E9

Complementary

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



C42C0B



0BA3C4

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.



0079E5



C42C0B



008181

Square

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



C42C0B



007900



0080BF



8745C9

Rectangle

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



C42C0B



7A6700



0080BF



006FEC

Sweetspot

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



C42C0B



FFC4B8



C40BA5



805C54



000000



808080

Same Dimension

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



C42C0B



FF2D00



C4860B



615957



A11D00



210600

Inverse Universe

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



0BA3C4



00D2FF



0B49C4



575F61



0084A1



001B21

Previews

White Background



This preview shows how the Hex color C42C0B looks on a white background.

Color Contrast Check

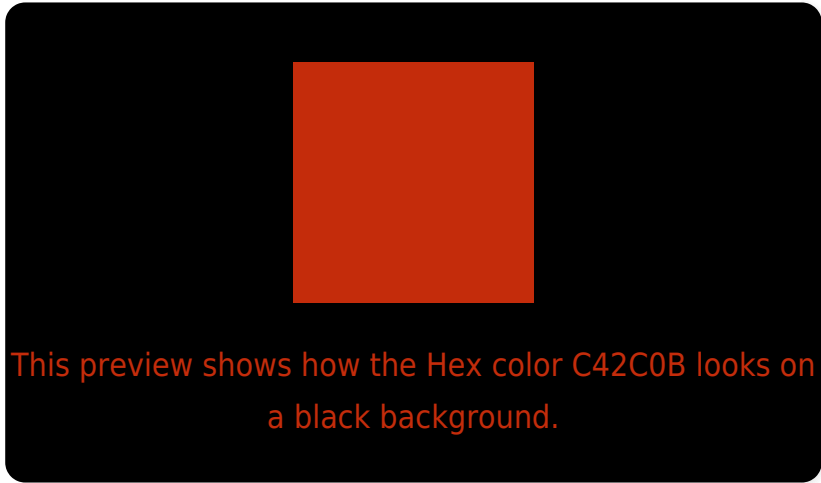
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42C0B Background



This preview shows how black text looks on a background with the Hex color C42C0B.



This preview shows how white text looks on a background with the Hex color C42C0B.

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
C42C0B

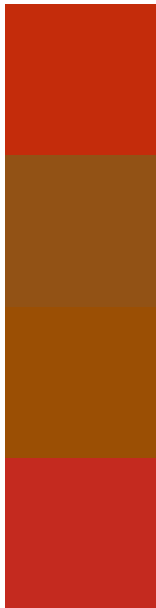
Protanopia
75681B

Deuteranopia
836300



Tritanopia
C4292A

Trichromacy



Original Color
C42C0B

Protanomaly
925215

Deuteranomaly
9B4F04

Tritanomaly
C42A1F

Monochromacy



Original Color
C42C0B

Achromatopsia
565656

Achromatomaly
7E473B

CSS Examples

Text

The CSS property to change the color of the text to Hex C42C0B 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 #C42C0B looks like.

```
.text, #text, p{  
    color:#C42C0B  
}
```

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 #C42C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42C0B }  
}
```

Border

The CSS property to change the border of an element to Hex C42C0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

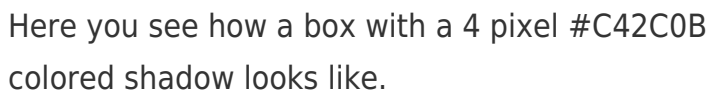
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C42C0B }  
}
```

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

```
.border{ border-color:#C42C0B }
```

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



Here you see how a box with a 4 pixel `#C42C0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42C0B; -webkit-box-shadow:4px 4px  
4px 4px #C42C0B; box-shadow:4px 4px 4px  
4px #C42C0B }
```

Background

The CSS property to change the background color of an element to Hex C42C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42C0B }
```

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

```
.background{ background-color:#C42C0B }
```

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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