

Converting Colors

Hex(C04321)

Have a look what the booklet for
Hex(C04321) contains.

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Color

Hex(C04321)

Conversions

Conversions Part 1

Format	Color
Hex	C04321
RGB	192, 67, 33
RGB Percent	75%, 26%, 13%
CMY	0.2471, 0.7373, 0.8706
CMYK	0.00, 0.65, 0.83, 0.25
HSL	13°, 71%, 44%
HSV	13°, 83%, 75%
XYZ	24.0199, 15.3306, 3.1320
YIQ	100.4990, 85.4140, 15.9260

Conversions

Conversions Part 2

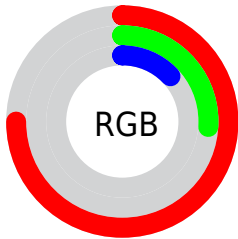
Format	Color
RYB	192, 76, 33
Decimal	12600097
CIELab	46.08, 48.51, 45.76
CIElCh	46, 66.692, 43.327
Yxy	15.3306, 0.5654, 0.3609
Android (android.graphics.Color)	4290790177 (0xFFC04321)
YUV	100.4990, -33.2770, 80.2464
Hunter-Lab	39.1543, 40.9840, 22.6654

Details

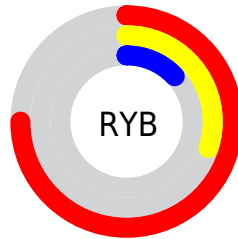
The Hex color **C04321** is a dark color, and the websafe version is hex **993300**. The color can be described as dark muted red. A complement of this color would be **219EC0**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7951**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C0340E**, and if you desaturate by 10%, it is **C05234**.

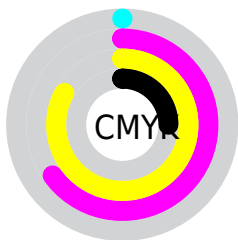
Distribution



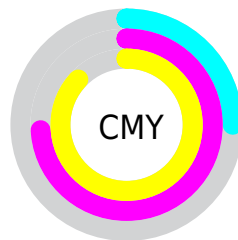
- Red (75%)
- Green (26%)
- Blue (13%)



- Red (75%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (83%)
- Black (25%)



- Cyan (25%)
- Magenta (74%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04321 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 C04321 by changing the saturation by 10% instead.

 C04321

 C04321

FFFFFF

 A12708

 FF7951

 830000

 FF946A

 640000

 FFB083

 470000

 FFCC9E

 2C0001

 FFE9B9

 000000

 FFFFD5

 FFFFF2

 C04321

 C04321

 C0340E

 C05234

 C02900

 C06147

 C0705B

 C07F6E

 C08E81

 C09E94

 C0ADA7

 C0BCBB

 C0CBCE

Harmonies

Analogous

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



CE2857



C04321



9E5F00

Triad

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



C04321



00844B



006CDB

Complementary

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



C04321



219EC0

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.



007CD9



C04321



008685

Square

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



C04321



267E07



0084B9



8D51BF

Rectangle

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



C04321



7F6D00



0084B9



0072DE

Sweetspot

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



C04321



FAC9BB



C021A0



7D5F57



FCFCFC



7D7D7D

Same Dimension

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



C04321



FA3702



C09021



615957



A12200



210700

Inverse Universe

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



219EC0



02C5FA



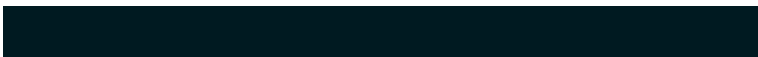
2151C0



575F61



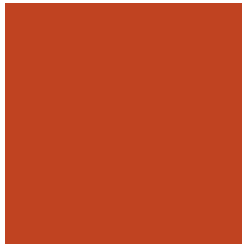
007EA1



001A21

Previews

White Background



This preview shows how the Hex color C04321 looks on a white background.

Color Contrast Check

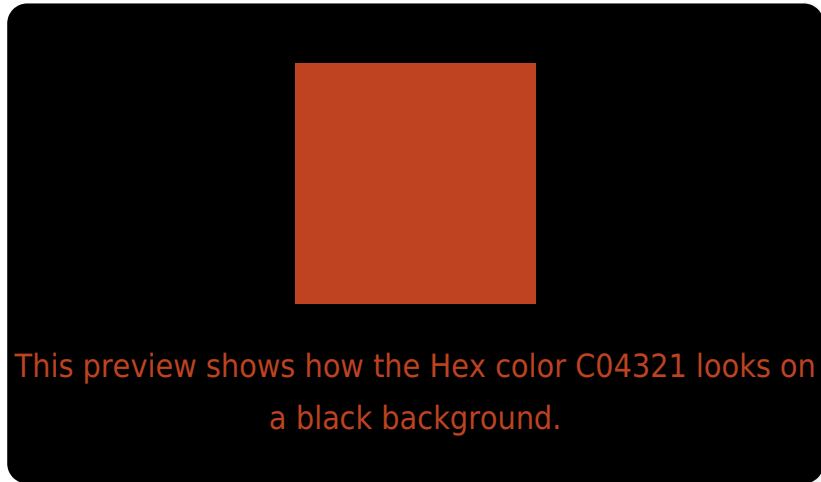
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04321 Background



This preview shows how black text looks on a background with the Hex color C04321.



This preview shows how white text looks on a background with the Hex color C04321.

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
C04321

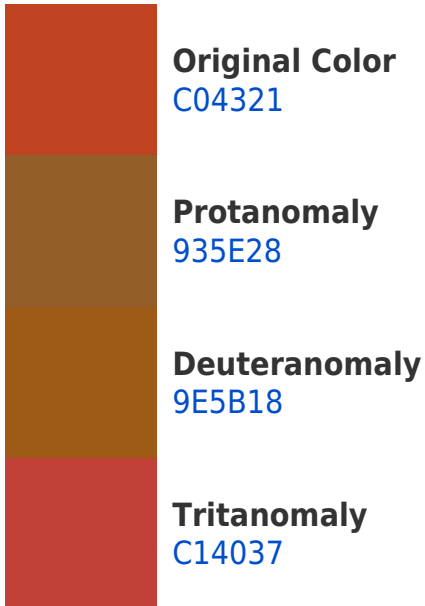
Protanopia
7A6E2C

Deuteranopia
8B6813



Tritanopia
C13F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C04321 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 #C04321 looks like.

```
.text, #text, p{  
    color:#C04321  
}
```

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 #C04321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04321
}
```

Border

The CSS property to change the border of an element to Hex C04321 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
#C04321 }
```

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

```
.border{ border-color:#C04321 }
```

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

Here you see how a box with a 4 pixel #C04321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04321; -webkit-box-shadow:4px 4px  
4px 4px #C04321; box-shadow:4px 4px 4px  
4px #C04321 }
```

Background

The CSS property to change the background color of an element to Hex C04321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04321 }
```

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

```
.background{ background-color:#C04321 }
```

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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