

# Converting Colors

Hex(C43820)

Have a look what the booklet for  
Hex(C43820) contains.

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**Color**

**Hex(C43820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43820
RGB	196, 56, 32
RGB Percent	77%, 22%, 13%
CMY	0.2314, 0.7804, 0.8745
CMYK	0.00, 0.71, 0.84, 0.23
HSL	9°, 72%, 45%
HSV	9°, 84%, 77%
XYZ	24.4398, 14.6684, 2.9097
YIQ	95.1240, 91.1440, 22.2160

# Conversions

## Conversions Part 2

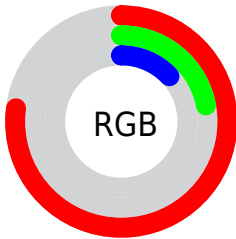
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 60, 32
Decimal	12859424
CIE <sub>Lab</sub>	45.18, 54.26, 45.68
CIE <sub>LCh</sub>	45, 70.927, 40.097
Yxy	14.6684, 0.5817, 0.3491
Android (android.graphics.Color)	4291049504 (0xFFC43820)
YUV	95.1240, -31.1201, 88.4683
Hunter-Lab	38.2993, 46.8818, 22.3052

# Details

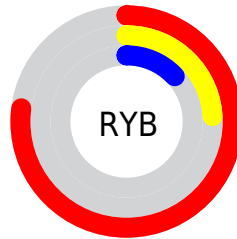
The Hex color **C43820** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **20ACC4**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF704F**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C4270C**, and if you desaturate by 10%, it is **C44934**.

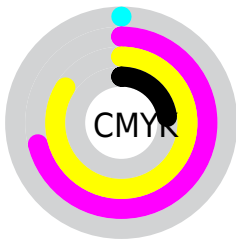
# Distribution



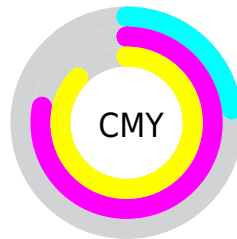
- Red (77%)
- Green (22%)
- Blue (13%)



- Red (77%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (84%)
- Black (23%)



- Cyan (23%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43820 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 C43820 by changing the saturation by 10% instead.



 C43820

 C43820

FFFFFF

 A51708

 FF704F

 860000

 FF8B68

 670000

 FFA782

 490000

 FFC49C

 2D0001

 FFE1B7

 000000

 FFFED3

 FFFFF0

 C43820

 C43820

 C4270C

 C44934

 C41D00

 C45947

 C46A5B

 C47B6E

 C48C82

 C49C96

 C4ADA9

 C4BEBD

 C4CFD0

# Harmonies

## Analogous

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



D0135A



C43820



A15900

# Triad

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



C43820



008240



006CE1

# Complementary

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



C43820



20ACC4

# 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.



007CDB



C43820



00847E

# Square

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



C43820



277B00



0083B7



8350C7

# Rectangle

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



C43820



826900



0083B7



0073E3



# Sweetspot

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



C43820



FFC9BF



C420AE



805F59



000000



808080



# Same Dimension

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



C43820



FF2500



C48820



615957



A11800



210500



# Inverse Universe

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



20ACC4



00DAFF



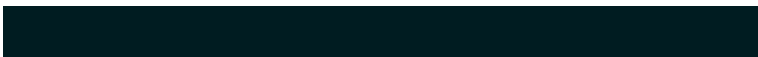
205CC4



575F61



0089A1



001C21



# Previews

## White Background



This preview shows how the Hex color C43820 looks on a white background.

## Color Contrast Check

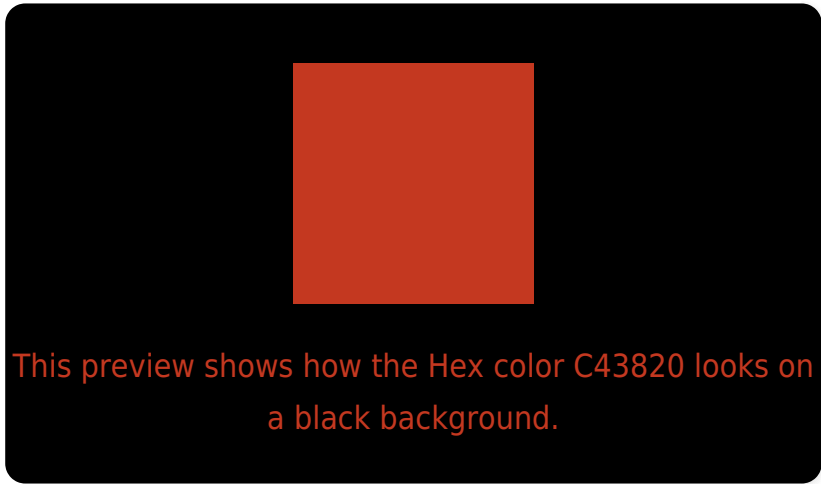
Large Text (above 18pt) WCAG AA ✓ Pass

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 C43820 Background



This preview shows how black text looks on a background with the Hex color C43820.



This preview shows how white text looks on a background with the Hex color C43820.

# 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



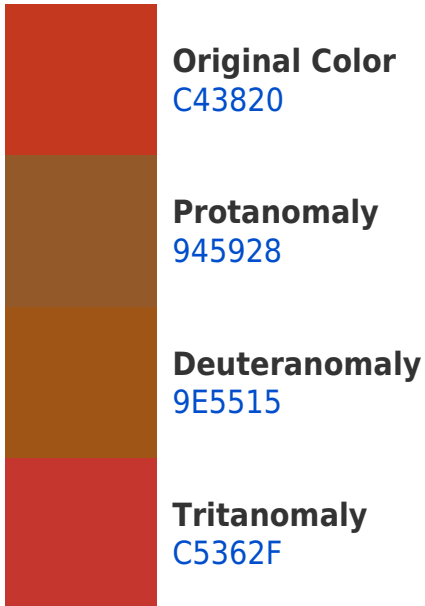
**Original Color**  
C43820

**Protanopia**  
786C2D

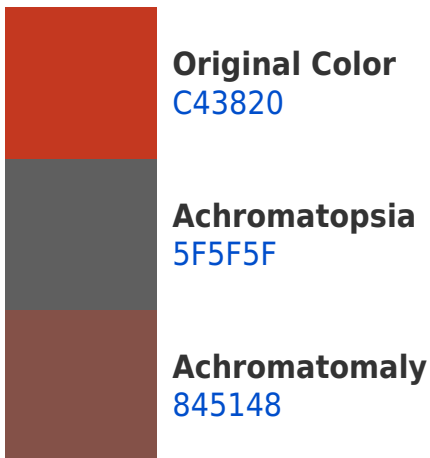
**Deuteranopia**  
88660E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43820 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 #C43820 looks like.

```
.text, #text, p{  
    color:#C43820  
}
```

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 #C43820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43820
}
```

## Border

The CSS property to change the border of an element to Hex C43820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

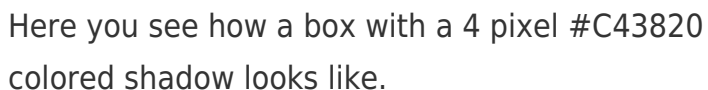
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C43820 }
```

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

```
.border{ border-color:#C43820 }
```

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



Here you see how a box with a 4 pixel #C43820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43820; -webkit-box-shadow:4px 4px  
4px 4px #C43820; box-shadow:4px 4px 4px  
4px #C43820 }
```

# Background

The CSS property to change the background color of an element to Hex C43820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43820 }
```

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

```
.background{ background-color:#C43820 }
```

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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