

# Converting Colors

Hex(C4302B)

Have a look what the booklet for  
Hex(C4302B) contains.

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# Color

**Hex(C4302B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4302B
RGB	196, 48, 43
RGB Percent	77%, 19%, 17%
CMY	0.2314, 0.8118, 0.8314
CMYK	0.00, 0.76, 0.78, 0.23
HSL	2°, 64%, 47%
HSV	2°, 78%, 77%
XYZ	24.2579, 14.0241, 3.7139
YIQ	91.6820, 89.8130, 29.8210

# Conversions

## Conversions Part 2

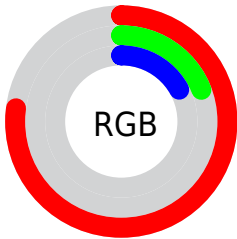
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 48, 43
Decimal	12857387
CIE <sub>Lab</sub>	44.27, 57.38, 39.05
CIE <sub>LCh</sub>	44, 69.410, 34.234
Yxy	14.0241, 0.5776, 0.3339
Android (android.graphics.Color)	4291047467 (0xFFC4302B)
YUV	91.6820, -24.0002, 91.4869
Hunter-Lab	37.4487, 50.0906, 20.3342

# Details

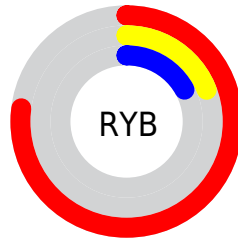
The Hex color **C4302B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2BBFC4**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6A5A**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C41D17**, and if you desaturate by 10%, it is **C4433F**.

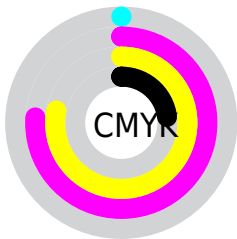
# Distribution



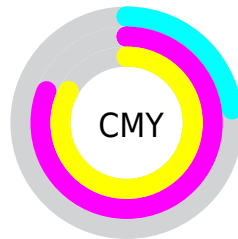
- Red (77%)
- Green (19%)
- Blue (17%)



- Red (77%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (81%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4302B 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 C4302B by changing the saturation by 10% instead.





C4302B



C4302B

FFFFFF



A50515



FF6A5A



860000



FF8672



670000



FFA28C



490001



FFBEA7



2D0001



FFDBC2



000000



FFF9DE



FFFFFFB



C4302B



C4302B

 C41D17

 C4433F

 C40A04

 C45652

 C40600

 C46966

 C47C79

 C48F8D

 C4A2A1

 C4B5B4

 C4C8C8

 C4DBDB

# Harmonies

## Analogous

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



CB1263



C4302B



A65200

# Triad

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



C4302B



007E32



006EDD

# Complementary

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



C4302B



2BBFC4

# 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.



007CD1



C4302B



008170

# Square

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



C4302B



3A7700



0081A9



6E55C9

# Rectangle

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



C4302B



896200



0081A9



0074DD



# Sweetspot

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



C4302B



FFC6C4



C42BC1



805D5C



000000



808080



# Same Dimension

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



C4302B



FF170F



C47A2B



615857



A10500



210100



# Inverse Universe

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



2BBFC4



0FF7FF



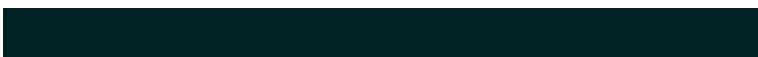
2B75C4



576161



009BA1



002021



# Previews

## White Background



This preview shows how the Hex color C4302B looks on a white background.

## Color Contrast Check

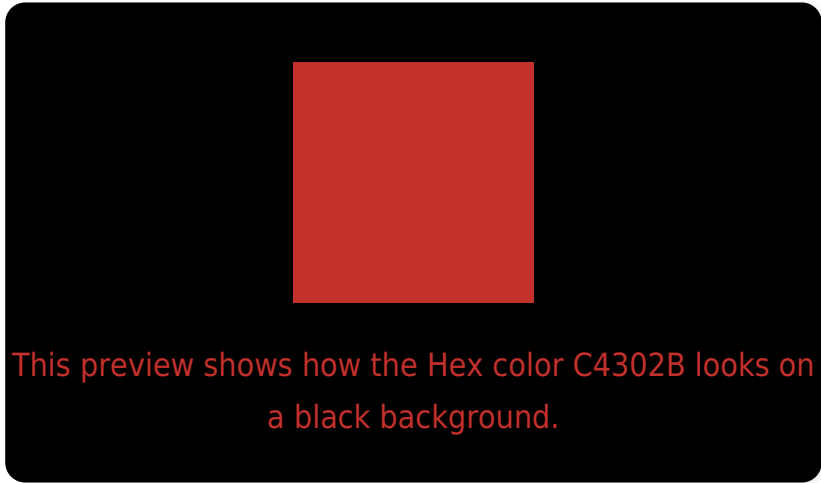
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4302B Background



This preview shows how black text looks on a background with the Hex color C4302B.



This preview shows how white text looks on a background with the Hex color C4302B.

# 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**  
C4302B

**Protanopia**  
746A3C

**Deuteranopia**  
846420



**Tritanopia**  
C42F30

# Trichromacy



**Original Color**  
C4302B

**Protanomaly**  
915536

**Deuteranomaly**  
9B5124

**Tritanomaly**  
C42F2E

# Monochromacy



**Original Color**  
C4302B

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
824C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4302B 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 #C4302B looks like.

```
.text, #text, p{  
    color:#C4302B  
}
```

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 #C4302B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4302B
}
```

## Border

The CSS property to change the border of an element to Hex C4302B is called "border". The border property can be set on classes, ids or directly on the HTML element.

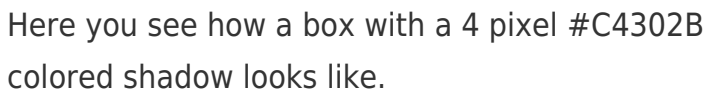
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4302B }
```

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

```
.border{ border-color:#C4302B }
```

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



Here you see how a box with a 4 pixel `#C4302B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4302B; -webkit-box-shadow:4px 4px  
4px 4px #C4302B; box-shadow:4px 4px 4px  
4px #C4302B }
```

# Background

The CSS property to change the background color of an element to Hex C4302B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4302B }
```

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

```
.background{ background-color:#C4302B }
```

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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