

# Converting Colors

Hex(C42C36)

Have a look what the booklet for  
Hex(C42C36) contains.

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# Color

Hex(C42C36)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C42C36
RGB	196, 44, 54
RGB Percent	77%, 17%, 21%
CMY	0.2314, 0.8275, 0.7882
CMYK	0.00, 0.78, 0.72, 0.23
HSL	356°, 63%, 47%
HSV	356°, 78%, 77%
XYZ	24.3315, 13.8035, 4.8720
YIQ	90.5880, 87.3820, 35.3340

# Conversions

## Conversions Part 2

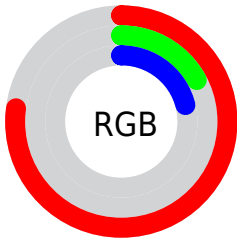
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 44, 54
Decimal	12856374
CIE <sub>Lab</sub>	43.95, 59.07, 32.36
CIE <sub>LCh</sub>	44, 67.356, 28.712
Yxy	13.8035, 0.5658, 0.3210
Android (android.graphics.Color)	4291046454 (0xFFC42C36)
YUV	90.5880, -18.0379, 92.4463
Hunter-Lab	37.1530, 51.8817, 18.2323

# Details

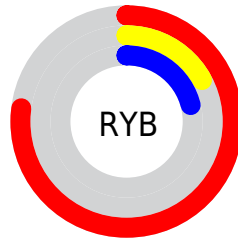
The Hex color **C42C36** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2CC4BA**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6765**, and **86000B** is the 20% darker color. If you saturate the color by 10%, you get **C41824**, and if you desaturate by 10%, it is **C44048**.

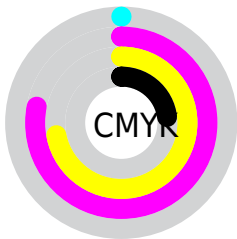
# Distribution



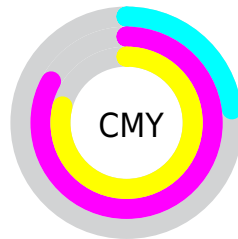
- Red (77%)
- Green (17%)
- Blue (21%)



- Red (77%)
- Yellow (17%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (72%)
- Black (23%)



- Cyan (23%)
- Magenta (83%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C42C36 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 C42C36 by changing the saturation by 10% instead.



 C42C36

 C42C36

FFFFFF

 A50020

 FF6765

 86000B

 FF837E

 680000

 FFA098

 4A0001

 FFBCB3

 2D0001

 FFD9CE

 000000

 FFF7EB

 C42C36

 C42C36

 C41824

 C44048

 C40511

 C4535B

 C4000D

 C4676D

 C47A7F

 C48E92

 C4A2A4

 C4B5B6

 C4C9C8

 C4DCDB

# Harmonies

## Analogous

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



C51B6D



C42C36



AA4D00

# Triad

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



C42C36



007C28



0070D9

# Complementary

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



C42C36



2CC4BA

# 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.



007CC8



C42C36



007F64

# Square

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



C42C36



497400



00809D



5A5ACB

# Rectangle

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



C42C36



905E00



00809D



0075D7



# Sweetspot

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



C42C36



FFC4C8



BA2CC4



805C5E



000000



808080



# Same Dimension

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



C42C36



FF1221



C46E2C



615758



A1000B



210002



# Inverse Universe

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



C42C36



FF1221



2C82C4



615758



A1000B



210002



# Previews

## White Background



This preview shows how the Hex color C42C36 looks on a white background.

## Color Contrast Check

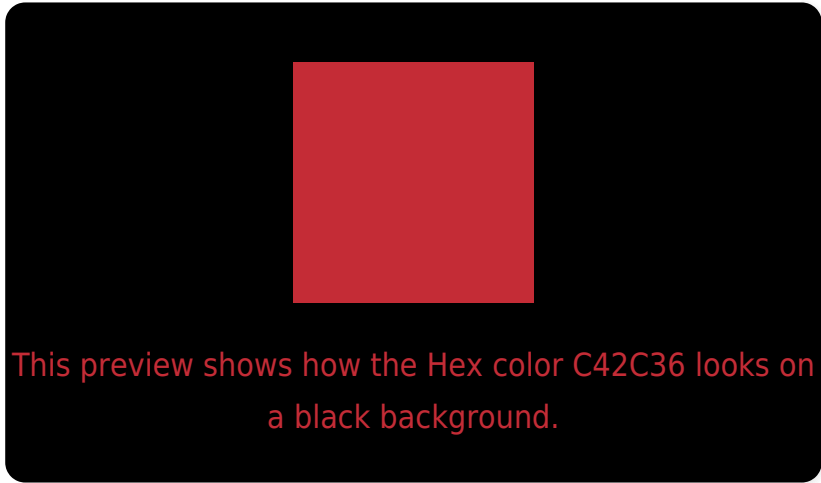
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42C36 Background



This preview shows how black text looks on a background with the Hex color C42C36.



This preview shows how white text looks on a background with the Hex color C42C36.

# 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**  
C42C36

**Protanopia**  
71694B

**Deuteranopia**  
82642D



# Trichromacy



**Original Color**  
C42C36

**Protanomaly**  
8F5343

**Deuteranomaly**  
9A5030

**Tritanomaly**  
C42D31

# Monochromacy



**Original Color**  
C42C36

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
814A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C42C36 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 #C42C36 looks like.

```
.text, #text, p{  
    color:#C42C36  
}
```

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 #C42C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42C36
}
```

## Border

The CSS property to change the border of an element to Hex C42C36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

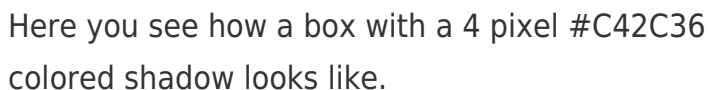
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42C36 }
```

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

```
.border{ border-color:#C42C36 }
```

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



Here you see how a box with a 4 pixel `#C42C36` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42C36; -webkit-box-shadow:4px 4px  
4px 4px #C42C36; box-shadow:4px 4px 4px  
4px #C42C36 }
```

# Background

The CSS property to change the background color of an element to Hex C42C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42C36 }
```

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

```
.background{ background-color:#C42C36 }
```

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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