

# Converting Colors

Hex(C04A39)

Have a look what the booklet for  
Hex(C04A39) contains.

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**Color**

**Hex(C04A39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C04A39
RGB	192, 74, 57
RGB Percent	75%, 29%, 22%
CMY	0.2471, 0.7098, 0.7765
CMYK	0.00, 0.61, 0.70, 0.25
HSL	8°, 54%, 49%
HSV	8°, 70%, 75%
XYZ	24.9255, 16.3994, 5.7226
YIQ	107.3440, 75.7850, 19.7290

# Conversions

## Conversions Part 2

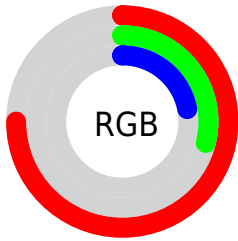
Format	Color
<a href="#">RYB</a>	<a href="#">192, 76, 57</a>
Decimal	<a href="#">12601913</a>
CIELab	<a href="#">47.49, 46.36, 34.56</a>
CIElCh	<a href="#">47, 57.821, 36.702</a>
Yxy	<a href="#">16.3994, 0.5298, 0.3486</a>
Android (android.graphics.Color)	<a href="#">4290791993 (0xFFC04A39)</a>
YUV	<a href="#">107.3440, -24.8196, 74.2433</a>
Hunter-Lab	<a href="#">40.4962, 38.9988, 19.9690</a>

# Details

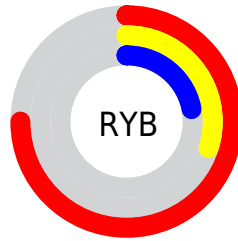
The Hex color **C04A39** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39AFC0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FE7F69**, and **84100D** is the 20% darker color. If you saturate the color by 10%, you get **C03926**, and if you desaturate by 10%, it is **C05B4C**.

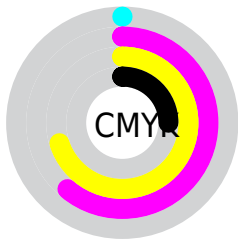
# Distribution



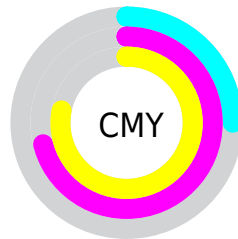
- Red (75%)
- Green (29%)
- Blue (22%)



- Red (75%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C04A39 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 C04A39 by changing the saturation by 10% instead.



 C04A39

 C04A39

FFFFFF

 A22F23

 FE7F69

 84100D

 FF9A82

 660000

 FFB69C

 490000

 FFD3B7

 2F0002

 FFF0D3

 000000

 FFFFF0

 C04A39

 C04A39

 C03926

 C05B4C

 C02813

 C06C5F

 C01800

 C07C73

 C08D86

 C09E99

 C0AFAC

 C0BFBF

 C0D0D3

 C0E1E6

# Harmonies

## Analogous

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



C73D68



C04A39



A5600B

# Triad

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



C04A39



008448



0073D2

# Complementary

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



C04A39



39AFC0

# 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.



0080CA



C04A39



00877B

# Square

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



C04A39



4A7E17



0086AA



7F5FBF

# Rectangle

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



C04A39



8C6D00



0086AA



0078D2



# Sweetspot

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



C04A39



FACCC5



C039B0



7D625E



FCFCFC



7D7D7D



# Same Dimension

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



C04A39



FA4228



C08C39



615857



A11400



210400



# Inverse Universe

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



39AFC0



28DFFA



396DC0



576061



008CA1

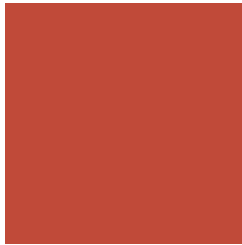


001D21



# Previews

## White Background



This preview shows how the Hex color C04A39 looks on a white background.

## Color Contrast Check

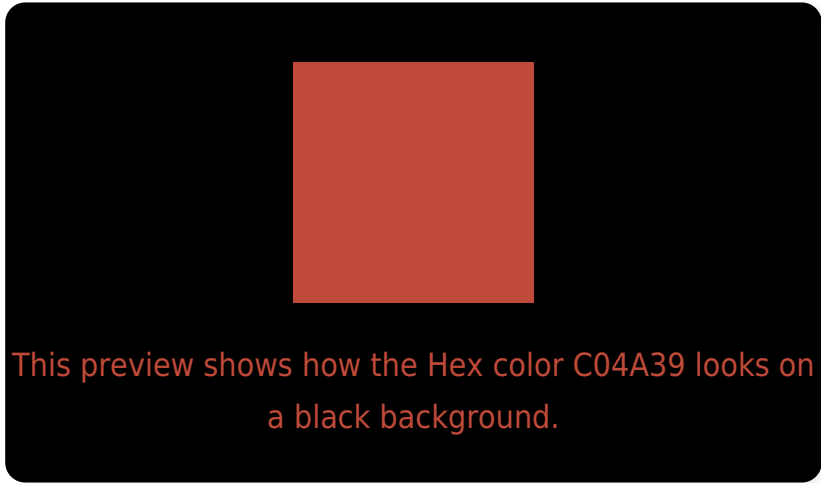
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04A39 Background



This preview shows how black text looks on a background with the Hex color C04A39.



This preview shows how white text looks on a background with the Hex color C04A39.

# 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**  
C04A39

**Protanopia**  
7C7147

**Deuteranopia**  
8C6C32



**Tritanopia**  
C1474C

# Trichromacy



**Original Color**  
C04A39

**Protanomaly**  
956342

**Deuteranomaly**  
9F6035

**Tritanomaly**  
C14845

# Monochromacy



**Original Color**  
C04A39

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
8A5F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C04A39 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 #C04A39 looks like.

```
.text, #text, p{  
    color:#C04A39  
}
```

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 #C04A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04A39
}
```

## Border

The CSS property to change the border of an element to Hex C04A39 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
#C04A39 }
```

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

```
.border{ border-color:#C04A39 }
```

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

Here you see how a box with a 4 pixel #C04A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04A39; -webkit-box-shadow:4px 4px  
4px 4px #C04A39; box-shadow:4px 4px 4px  
4px #C04A39 }
```

# Background

The CSS property to change the background color of an element to Hex C04A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04A39 }
```

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

```
.background{ background-color:#C04A39 }
```

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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