

Converting Colors

Hex(C04434)

Have a look what the booklet for
Hex(C04434) contains.

Hex(C04434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C04434)

Conversions

Conversions Part 1

Format	Color
Hex	C04434
RGB	192, 68, 52
RGB Percent	75%, 27%, 20%
CMY	0.2471, 0.7333, 0.7961
CMYK	0.00, 0.65, 0.73, 0.25
HSL	7°, 57%, 48%
HSV	7°, 73%, 75%
XYZ	24.4252, 15.5886, 4.9704
YIQ	103.2520, 79.0400, 21.3120

Conversions

Conversions Part 2

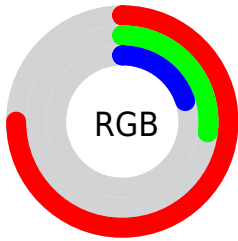
Format	Color
RYB	192, 70, 52
Decimal	12600372
CIELab	46.43, 48.79, 36.16
CIElCh	46, 60.729, 36.544
Yxy	15.5886, 0.5430, 0.3465
Android (android.graphics.Color)	4290790452 (0xFFC04434)
YUV	103.2520, -25.2672, 77.8320
Hunter-Lab	39.4825, 41.3318, 20.1738

Details

The Hex color **C04434** 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 **34B0C0**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FE7A63**, and **830207** is the 20% darker color. If you saturate the color by 10%, you get **C03321**, and if you desaturate by 10%, it is **C05547**.

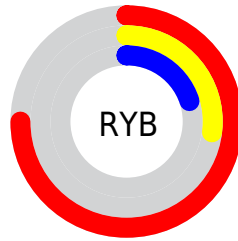
Distribution



Red (75%)

Green (27%)

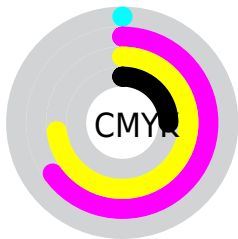
Blue (20%)



Red (75%)

Yellow (27%)

Blue (20%)

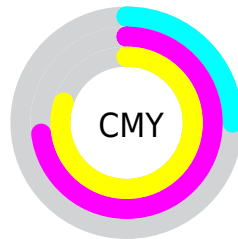


Cyan (0%)

Magenta (65%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04434 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 C04434 by changing the saturation by 10% instead.

 C04434

 C04434

FFFFFF

 A1281E

 FE7A63

 830207

 FF957D

 660000

 FFB197

 480000

 FFCDB2

 2D0001

 FFEACD

 000000

 FFFFEE9

 C04434

 C04434

 C03321

 C05547

 C0220E

 C0665A

 C01600

 C0776E

 C08881

 C09994

 C0AAA7

 C0BBBA

 C0CCCE

 C0DDE1

Harmonies

Analogous

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



C73465



C04434



A45C00

Triad

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



C04434



008243



0071D4

Complementary

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



C04434



34B0C0

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.



007ECC



C04434



008578

Square

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



C04434



447C09



0084AA



7C5BC1

Rectangle

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



C04434



8A6A00



0084AA



0076D4

Sweetspot

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



C04434



FAC9C3



C034B2



7D605C



FCFCFC



7D7D7D

Same Dimension

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



C04434



FA371E



C08834



615857



A11200



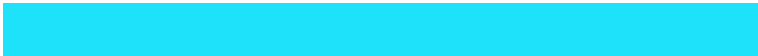
210400

Inverse Universe

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



34B0C0



1EE1FA



346CC0



576061



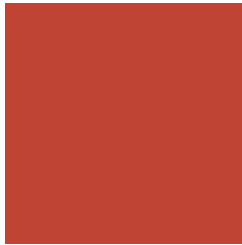
008EA1



001D21

Previews

White Background



This preview shows how the Hex color C04434 looks on a white background.

Color Contrast Check

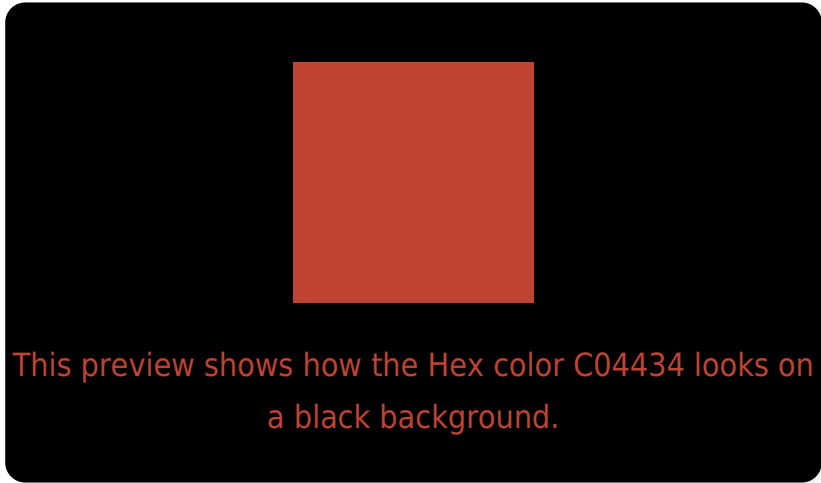
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04434 Background



This preview shows how black text looks on a background with the Hex color C04434.



This preview shows how white text looks on a background with the Hex color C04434.

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
C04434

Protanopia
796F42

Deuteranopia
8A692C



Tritanopia
C14245

Trichromacy



Original Color
C04434

Protanomaly
935F3D

Deuteranomaly
9E5C2F

Tritanomaly
C1433F

Monochromacy



Original Color
C04434

Achromatopsia
676767

Achromatomaly
875A54

CSS Examples

Text

The CSS property to change the color of the text to Hex C04434 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 #C04434 looks like.

```
.text, #text, p{  
    color:#C04434  
}
```

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 #C04434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04434
}
```

Border

The CSS property to change the border of an element to Hex C04434 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
#C04434 }
```

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

```
.border{ border-color:#C04434 }
```

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

Here you see how a box with a 4 pixel #C04434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04434; -webkit-box-shadow:4px 4px  
4px 4px #C04434; box-shadow:4px 4px 4px  
4px #C04434 }
```

Background

The CSS property to change the background color of an element to Hex C04434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04434 }
```

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

```
.background{ background-color:#C04434 }
```

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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