

# Converting Colors

Hex(CC4C33)

Have a look what the booklet for  
Hex(CC4C33) contains.

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**Color**

**Hex(CC4C33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4C33
RGB	204, 76, 51
RGB Percent	80%, 30%, 20%
CMY	0.2000, 0.7020, 0.8000
CMYK	0.00, 0.63, 0.75, 0.20
HSL	10°, 60%, 50%
HSV	10°, 75%, 80%
XYZ	28.0838, 18.2453, 5.1735
YIQ	111.4220, 84.3130, 19.3610

# Conversions

## Conversions Part 2

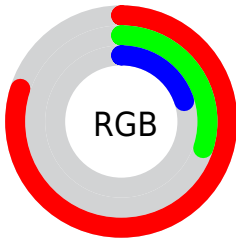
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 81, 51
Decimal	13388851
CIE Lab	49.79, 49.44, 41.00
CIE LCh	50, 64.224, 39.668
Yxy	18.2453, 0.5453, 0.3543
Android (android.graphics.Color)	4291578931 (0xFFCC4C33)
YUV	111.4220, -29.7880, 81.1909
Hunter-Lab	42.7145, 42.6094, 22.7191

# Details

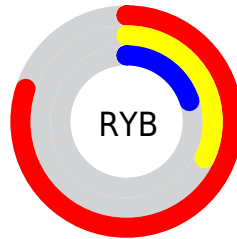
The Hex color **CC4C33** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33B3CC**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8263**, and **8E0F05** is the 20% darker color. If you saturate the color by 10%, you get **CC3B1F**, and if you desaturate by 10%, it is **CC5D47**.

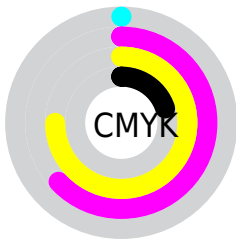
# Distribution



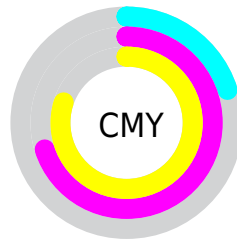
- Red (80%)
- Green (30%)
- Blue (20%)



- Red (80%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4C33 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 CC4C33 by changing the saturation by 10% instead.



 CC4C33

 CC4C33

FFFFFF

 AD301C

 FF8263

 8E0F05

 FF9D7C

 700000

 FFB996

 520000

 FFD6B1

 380002

 FFF3CD

 0E0000

 FFFF E9

 000000

 CC4C33

 CC4C33

 CC3B1F

 CC5D47

 CC2A0A

 CC6E5C

 CC2100

 CC7F70

 CC9085

 CCA199

 CCB2AD

 CCC3C2

 CCD5D6

 CCE6EB

# Harmonies

## Analogous

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



D63967



CC4C33



AC6600

# Triad

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



CC4C33



008D4E



0077E3

# Complementary

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



CC4C33



33B3CC

# 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.



0087DD



CC4C33



008F87

# Square

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



CC4C33



418613



008EBB



8E5FCB

# Rectangle

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



CC4C33



8F7400



008EBB



007DE4



# Sweetspot

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



CC4C33



FFCEC4



CC33B5



80625C



000000



808080



# Same Dimension

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



CC4C33



FF3F19



CC9633



665D5C



A61B00



260600

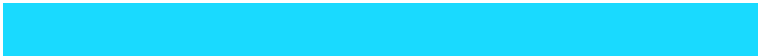


# Inverse Universe

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



33B3CC



19DAFF



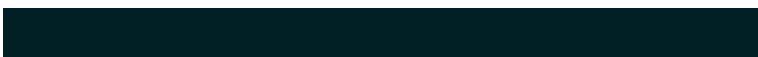
3369CC



5C6466



008BA6

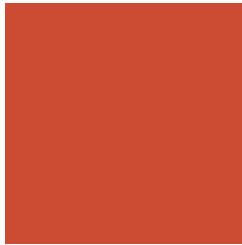


002026



# Previews

## White Background



This preview shows how the Hex color CC4C33 looks on a white background.

## Color Contrast Check

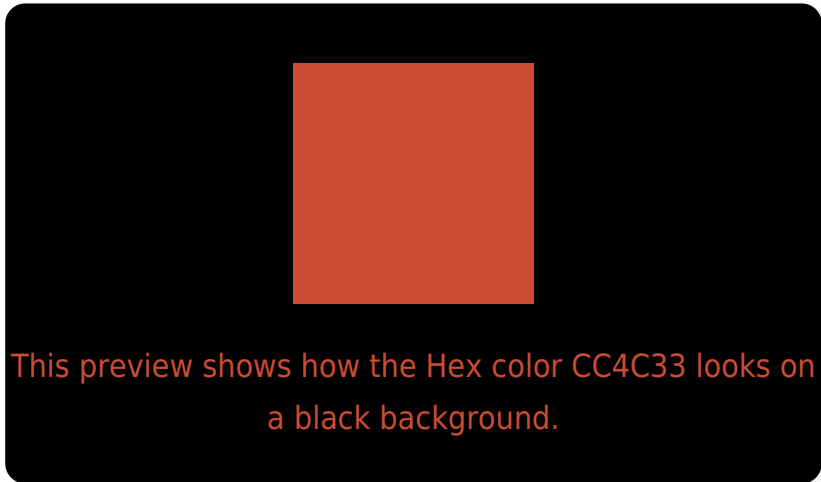
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC4C33 Background



This preview shows how black text looks on a background with the Hex color CC4C33.



This preview shows how white text looks on a background with the Hex color CC4C33.

# 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



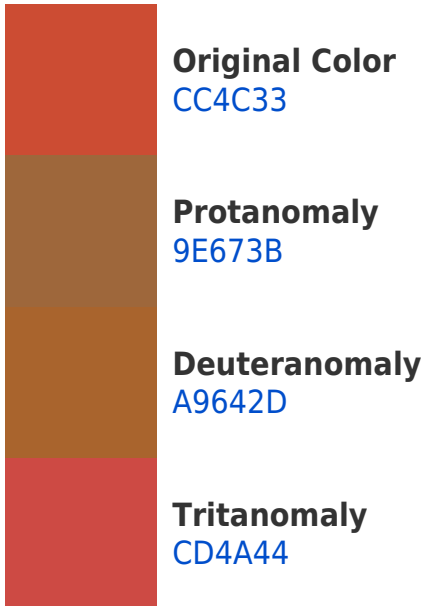
**Original Color**  
CC4C33

**Protanopia**  
837740

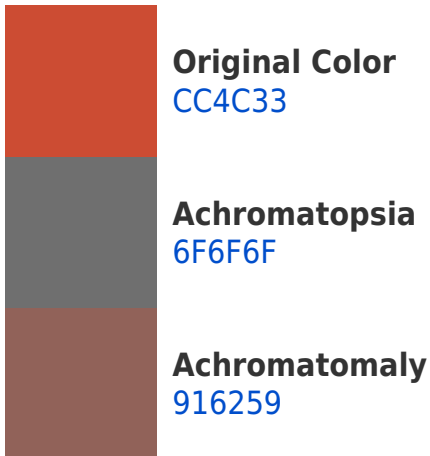
**Deuteranopia**  
95712A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4C33 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 #CC4C33 looks like.

```
.text, #text, p{  
    color:#CC4C33  
}
```

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 #CC4C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4C33  
}
```

## Border

The CSS property to change the border of an element to Hex CC4C33 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  
#CC4C33 }
```

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

```
.border{ border-color:#CC4C33 }
```

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

Here you see how a box with a 4 pixel #CC4C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4C33; -webkit-box-shadow:4px 4px  
4px 4px #CC4C33; box-shadow:4px 4px 4px  
4px #CC4C33 }
```

# Background

The CSS property to change the background color of an element to Hex CC4C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4C33 }
```

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

```
.background{ background-color:#CC4C33 }
```

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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