

Converting Colors

Hex(CC4D39)

Have a look what the booklet for
Hex(CC4D39) contains.

Hex(CC4D39)	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(CC4D39)

Conversions

Conversions Part 1

Format	Color
Hex	CC4D39
RGB	204, 77, 57
RGB Percent	80%, 30%, 22%
CMY	0.2000, 0.6980, 0.7765
CMYK	0.00, 0.62, 0.72, 0.20
HSL	8°, 59%, 51%
HSV	8°, 72%, 80%
XYZ	28.2942, 18.4405, 5.9390
YIQ	112.6930, 82.1120, 20.7040

Conversions

Conversions Part 2

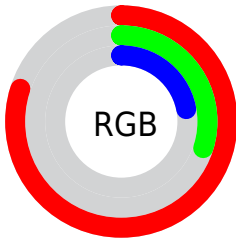
Format	Color
R_{YB}	204, 80, 57
Decimal	13389113
CIE _{Lab}	50.03, 49.26, 37.99
CIE _{LCh}	50, 62.206, 37.640
Yxy	18.4405, 0.5372, 0.3501
Android (android.graphics.Color)	4291579193 (0xFFCC4D39)
YUV	112.6930, -27.4566, 80.0762
Hunter-Lab	42.9424, 42.4621, 21.8598

Details

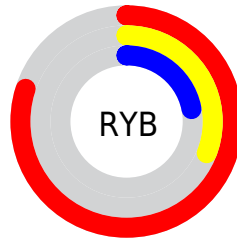
The Hex color **CC4D39** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39B8CC**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8369**, and **8F110D** is the 20% darker color. If you saturate the color by 10%, you get **CC3B25**, and if you desaturate by 10%, it is **CC5F4D**.

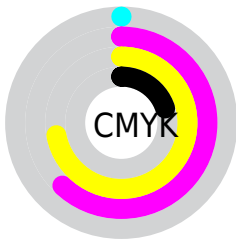
Distribution



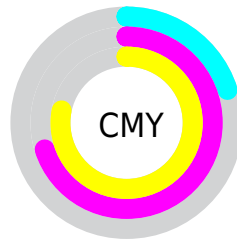
- Red (80%)
- Green (30%)
- Blue (22%)



- Red (80%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC4D39 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 CC4D39 by changing the saturation by 10% instead.

 CC4D39

 CC4D39

FFFFFF

 AD3222

 FF8369

 8F110D

 FF9E82

 710000

 FFBA9D

 530000

 FFD7B8

 390002

 FFF4D4

 0F0000

 FFFFF0

 000000

 CC4D39

 CC4D39

 CC3B25

 CC5F4D

 CC2A10

 CC7062

 CC1C00

 CC8276

 CC938B

 CCA59F

 CCB7B3

 CCC8C8

 CCDADC

 CCECF1

Harmonies

Analogous

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



D43D6C



CC4D39



AF6502

Triad

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



CC4D39



008C4C



0079E1

Complementary

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



CC4D39



39B8CC

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.



0087D9



CC4D39



008F84

Square

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



CC4D39



4A8615



008EB7



8962CC

Rectangle

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



CC4D39



937300



008EB7



007FE1

Sweetspot

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



CC4D39



FFCFC7



CC39B8



80635E



000000



808080

Same Dimension

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



CC4D39



FF4224



CC9639



665D5C



A61700



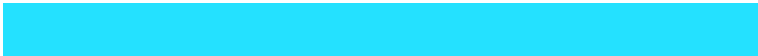
260500

Inverse Universe

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



39B8CC



24E1FF



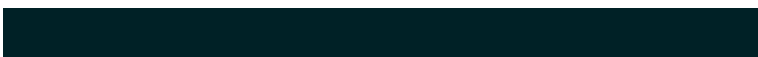
396FCC



5C6566



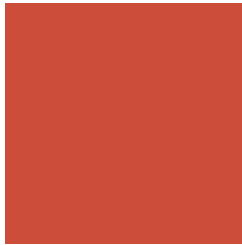
008FA6



002126

Previews

White Background



This preview shows how the Hex color CC4D39 looks on a white background.

Color Contrast Check

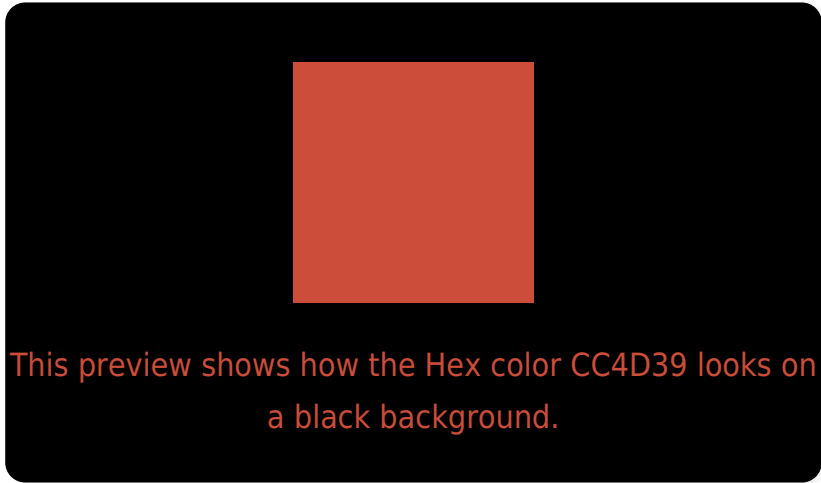
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 CC4D39 Background



This preview shows how black text looks on a background with the Hex color CC4D39.



This preview shows how white text looks on a background with the Hex color CC4D39.

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
CC4D39

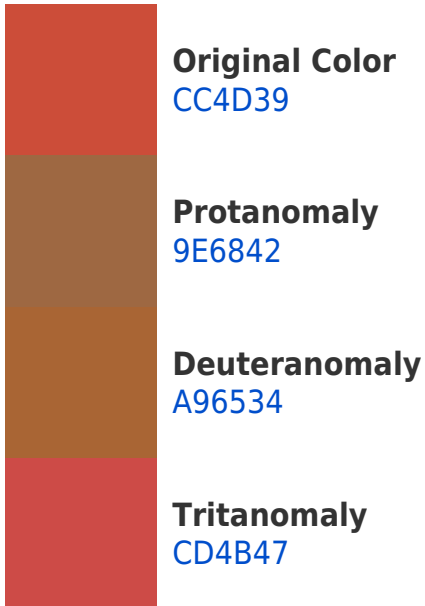
Protanopia
837847

Deuteranopia
957231

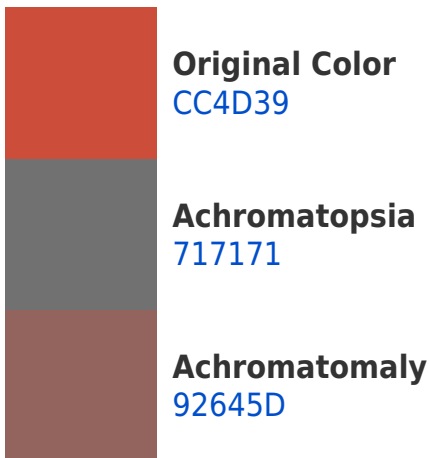


Tritanopia
CD4A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC4D39 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 #CC4D39 looks like.

```
.text, #text, p{  
    color:#CC4D39  
}
```

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 #CC4D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4D39
}
```

Border

The CSS property to change the border of an element to Hex CC4D39 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
#CC4D39 }
```

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

```
.border{ border-color:#CC4D39 }
```

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

Here you see how a box with a 4 pixel #CC4D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4D39; -webkit-box-shadow:4px 4px  
4px 4px #CC4D39; box-shadow:4px 4px 4px  
4px #CC4D39 }
```

Background

The CSS property to change the background color of an element to Hex CC4D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4D39 }
```

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

```
.background{ background-color:#CC4D39 }
```

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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