

Converting Colors

Hex(CF4747)

Have a look what the booklet for
Hex(CF4747) contains.

Hex(CF4747)	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(CF4747)

Conversions

Conversions Part 1

Format	Color
Hex	CF4747
RGB	207, 71, 71
RGB Percent	81%, 28%, 28%
CMY	0.1882, 0.7216, 0.7216
CMYK	0.00, 0.66, 0.66, 0.19
HSL	0°, 59%, 55%
HSV	0°, 66%, 81%
XYZ	29.1227, 18.2268, 7.9444
YIQ	111.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

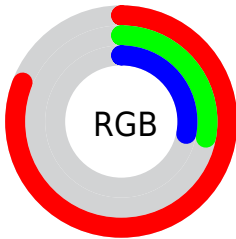
Format	Color
RYB	207, 71, 71
Decimal	13584199
CIELab	49.77, 53.59, 29.82
CIElCh	50, 61.329, 29.097
Yxy	18.2268, 0.5267, 0.3296
Android (android.graphics.Color)	4291774279 (0xFFCF4747)
YUV	111.6640, -20.0474, 83.6097
Hunter-Lab	42.6929, 47.0503, 18.8521

Details

The Hex color **CF4747** 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 **47CFCF**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7E78**, and **92001B** is the 20% darker color. If you saturate the color by 10%, you get **CF3232**, and if you desaturate by 10%, it is **CF5C5C**.

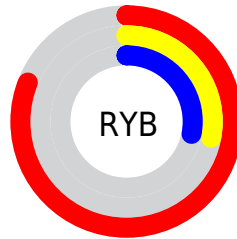
Distribution



Red (81%)

Green (28%)

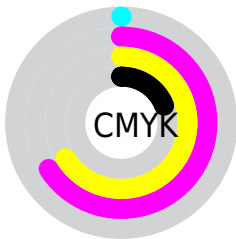
Blue (28%)



Red (81%)

Yellow (28%)

Blue (28%)

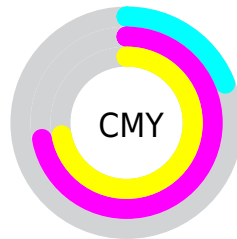


Cyan (0%)

Magenta (66%)

Yellow (66%)

Black (19%)



Cyan (19%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF4747 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 CF4747 by changing the saturation by 10% instead.

 CF4747

 CF4747

FFFFFF

 B02A30

 FF7E78

 92001B

 FF9A91

 740003

 FFB6AC

 560000

 FFD3C7

 3B0003

 FFF0E3

 150000

 000000

 CF4747

 CF4747

 CF3232

 CF5C5C

 CF1E1E

 CF7070

 CF0909

 CF8585

 CF0000

 CF9A9A

 CFAFAF

 CFC3C3

 CFD8D8

 CFEDED

 CFFFFFF

Harmonies

Analogous

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



D03E7A



CF4747



B75E17

Triad

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



CF4747



008A3D



007DDF

Complementary

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



CF4747



47CFCF

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.



0089D0



CF4747



008E73

Square

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



CF4747



5C8202



008EA8



7069D2

Rectangle

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



CF4747



9E6D00



008EA8



0082DD

Sweetspot

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



CF4747



FFCCCC



CF47CF



806161



000000



808080

Same Dimension

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



CF4747



FF3636



CF8B47



695E5E



A80000



290000

Inverse Universe

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



47CFCF



36FFFF



478BCF



5E6969



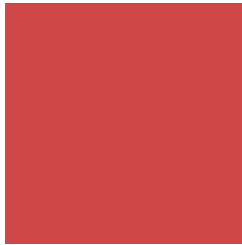
00A8A8



002929

Previews

White Background



This preview shows how the Hex color CF4747 looks on a white background.

Color Contrast Check

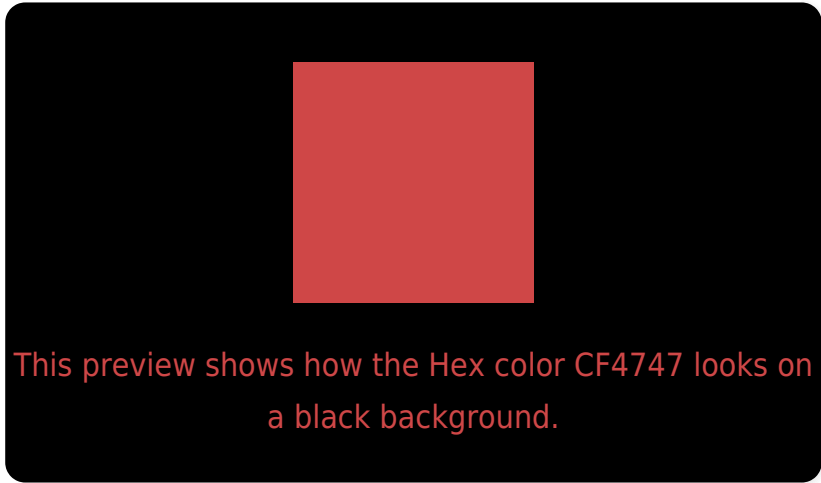
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF4747 Background



This preview shows how black text looks on a background with the Hex color CF4747.



This preview shows how white text looks on a background with the Hex color CF4747.

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
CF4747

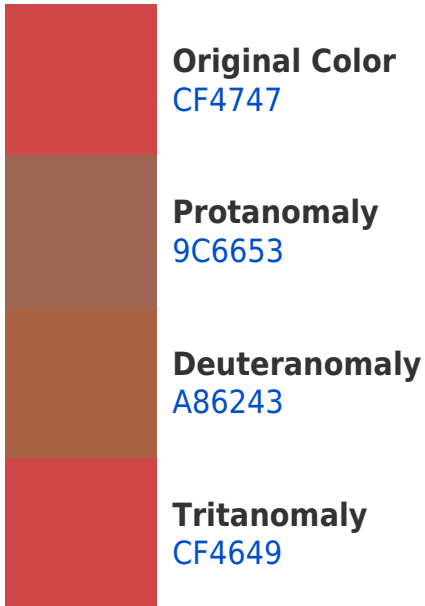
Protanopia
7F775A

Deuteranopia
927140

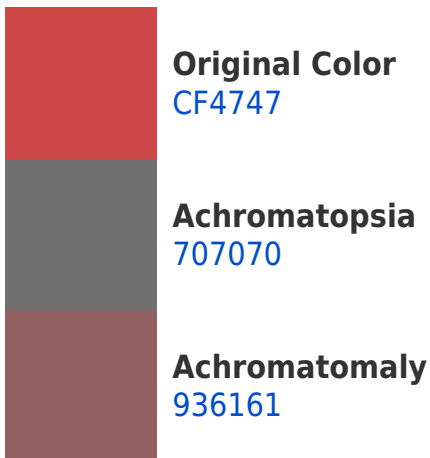


Tritanopia
CF464A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF4747 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 #CF4747 looks like.

```
.text, #text, p{  
    color:#CF4747  
}
```

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 #CF4747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF4747
}
```

Border

The CSS property to change the border of an element to Hex CF4747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

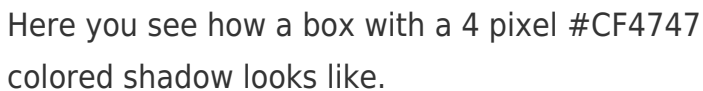
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF4747 }
```

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

```
.border{ border-color:#CF4747 }
```

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



Here you see how a box with a 4 pixel `#CF4747` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF4747; -webkit-box-shadow:4px 4px  
4px 4px #CF4747; box-shadow:4px 4px 4px  
4px #CF4747 }
```

Background

The CSS property to change the background color of an element to Hex CF4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF4747 }
```

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

```
.background{ background-color:#CF4747 }
```

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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