

Converting Colors

Hex(CF3030)

Have a look what the booklet for
Hex(CF3030) contains.

Hex(CF3030)	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(CF3030)

Conversions

Conversions Part 1

Format	Color
Hex	CF3030
RGB	207, 48, 48
RGB Percent	81%, 19%, 19%
CMY	0.1882, 0.8118, 0.8118
CMYK	0.00, 0.77, 0.77, 0.19
HSL	0°, 62%, 50%
HSV	0°, 77%, 81%
XYZ	27.3226, 15.5927, 4.3659
YIQ	95.5410, 94.7640, 33.7080

Conversions

Conversions Part 2

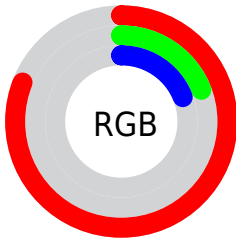
Format	Color
R _Y B	207, 48, 48
Decimal	13578288
CIE Lab	46.44, 60.87, 39.19
CIE LCh	46, 72.396, 32.777
Yxy	15.5927, 0.5779, 0.3298
Android (android.graphics.Color)	4291768368 (0xFFCF3030)
YUV	95.5410, -23.4377, 97.7495
Hunter-Lab	39.4876, 54.4059, 21.0859

Details

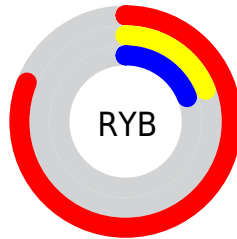
The Hex color **CF3030** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30CFCF**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6B5F**, and **900003** is the 20% darker color. If you saturate the color by 10%, you get **CF1B1B**, and if you desaturate by 10%, it is **CF4545**.

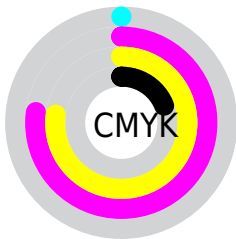
Distribution



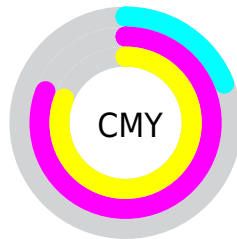
- Red (81%)
- Green (19%)
- Blue (19%)



- Red (81%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF3030 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 CF3030 by changing the saturation by 10% instead.

 CF3030

 CF3030

FFFFFF

 AF001A

 FF6B5F

 900003

 FF8878

 710000

 FFA492

 530001

 FFC1AC

 360002

 FFDEC8

 060000

 FFFCE4

 000000

 CF3030

 CF3030

 CF1B1B

 CF4545

 CF0707

 CF5959

 CF0000

 CF6E6E

 CF8383

 CF9898

 CFACAC

 CFC1C1

 CFD6D6

 CFEAEA

Harmonies

Analogous

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



D5116B



CF3030



B05400

Triad

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



CF3030



008432



0074E9

Complementary

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



CF3030



30CFCF

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.



0082DB



CF3030



008772

Square

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



CF3030



417D00



0087AF



6F5BD6

Rectangle

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



CF3030



926600



0087AF



007AE8

Sweetspot

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



CF3030



FFC4C4



CF30CF



805C5C



000000



808080

Same Dimension

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



CF3030



FF1414



CF8030



695E5E



A80000



290000

Inverse Universe

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



30CFCF



14FFFF



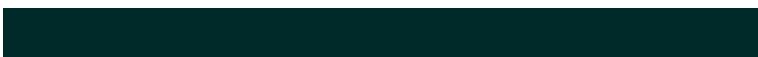
3080CF



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color CF3030 looks on a white background.

Color Contrast Check

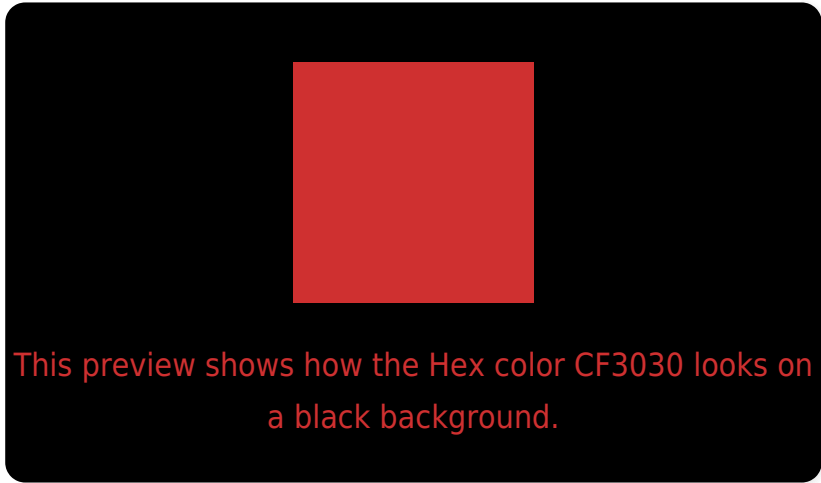
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF3030 Background



This preview shows how black text looks on a background with the Hex color CF3030.



This preview shows how white text looks on a background with the Hex color CF3030.

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

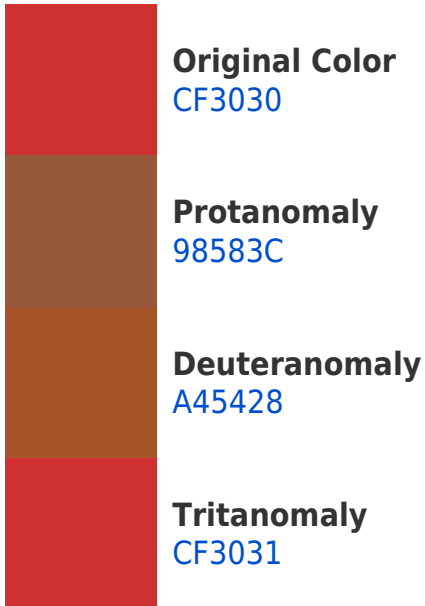


Original Color
CF3030

Protanopia
796F43

Deuteranopia
8B6924

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF3030 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 #CF3030 looks like.

```
.text, #text, p{  
    color:#CF3030  
}
```

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 #CF3030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3030
}
```

Border

The CSS property to change the border of an element to Hex CF3030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

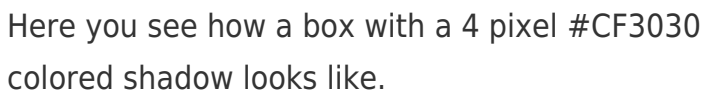
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF3030 }
```

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

```
.border{ border-color:#CF3030 }
```

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



Here you see how a box with a 4 pixel `#CF3030` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3030; -webkit-box-shadow:4px 4px  
4px 4px #CF3030; box-shadow:4px 4px 4px  
4px #CF3030 }
```

Background

The CSS property to change the background color of an element to Hex CF3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3030 }
```

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

```
.background{ background-color:#CF3030 }
```

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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