

Converting Colors

Hex(CF3021)

Have a look what the booklet for
Hex(CF3021) contains.

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Color

Hex(CF3021)

Conversions

Conversions Part 1

Format	Color
Hex	CF3021
RGB	207, 48, 33
RGB Percent	81%, 19%, 13%
CMY	0.1882, 0.8118, 0.8706
CMYK	0.00, 0.77, 0.84, 0.19
HSL	5°, 72%, 47%
HSV	5°, 84%, 81%
XYZ	27.0636, 15.4891, 3.0021
YIQ	93.8310, 99.5790, 29.0430

Conversions

Conversions Part 2

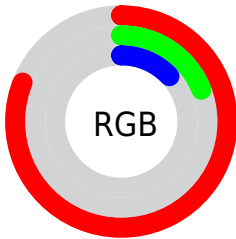
Format	Color
R_{YB}	207, 49, 33
Decimal	13578273
CIE Lab	46.30, 60.42, 46.99
CIE LCh	46, 76.541, 37.871
Yxy	15.4891, 0.5941, 0.3400
Android (android.graphics.Color)	4291768353 (0xFFCF3021)
YUV	93.8310, -29.9897, 99.2492
Hunter-Lab	39.3562, 53.8735, 23.0266

Details

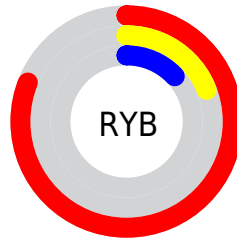
The Hex color **CF3021** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **21C0CF**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6B50**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **CF1D0C**, and if you desaturate by 10%, it is **CF4336**.

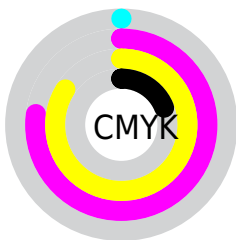
Distribution



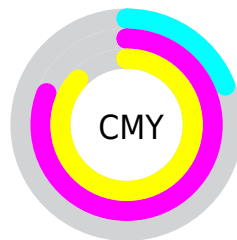
- Red (81%)
- Green (19%)
- Blue (13%)



- Red (81%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (84%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF3021 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 CF3021 by changing the saturation by 10% instead.

 CF3021

 CF3021

FFFFFF

 AF0109

 FF6B50

 900000

 FF8769

 700000

 FFA482

 520001

 FFC19D

 350002

 FFDEB8

 040000

 FFFBD4

 000000

 FFFFF1

 CF3021

 CF3021

■ CF1D0C

■ CF4336

■ CF1200

■ CF564A

■ CF695F

■ CF7C74

■ CF8F88

■ CFA19D

■ CFB4B2

■ CFC7C7

■ CFDADB

Harmonies

Analogous

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



DB0060



CF3021



AB5800

Triad

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



CF3021



008539



0071EF

Complementary

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



CF3021



21C0CF

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.



0081E6



CF3021



00887E

Square

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



CF3021



2A7F00



0088BC



8053D4

Rectangle

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



CF3021



8A6A00



0088BC



0078F0

Sweetspot

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



CF3021



FFC5BF



CF21C1



805D59



000000



808080

Same Dimension

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



CF3021



FF1600



CF8721



695F5E



A80F00



290400

Inverse Universe

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



21C0CF



00E9FF



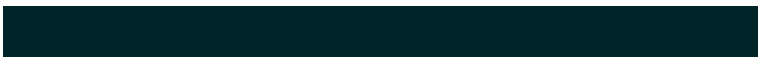
216ACF



5E6869



009AA8



002529

Previews

White Background



This preview shows how the Hex color CF3021 looks on a white background.

Color Contrast Check

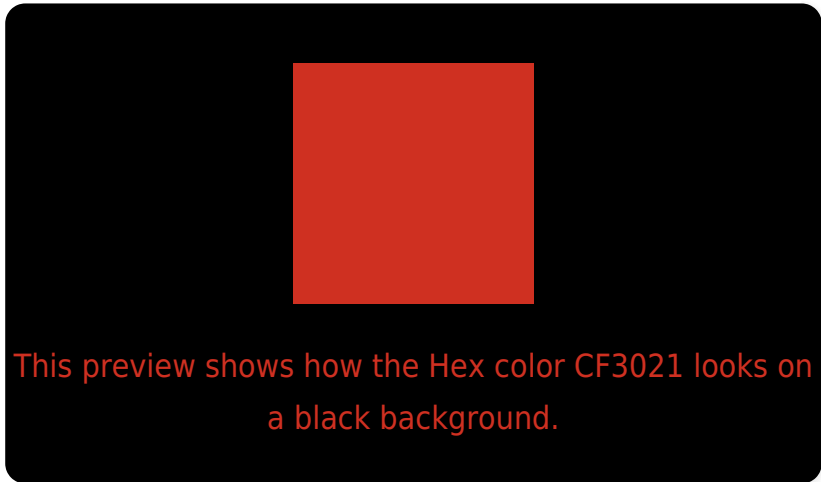
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF3021 Background



This preview shows how black text looks on a background with the Hex color CF3021.



This preview shows how white text looks on a background with the Hex color CF3021.

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



Trichromacy



Original Color
CF3021

Protanomaly
9A582B

Deuteranomaly
A45412

Tritanomaly
CF2F2A

Monochromacy



Original Color
CF3021

Achromatopsia
5E5E5E

Achromatomaly
874D48

CSS Examples

Text

The CSS property to change the color of the text to Hex CF3021 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 #CF3021 looks like.

```
.text, #text, p{  
    color:#CF3021  
}
```

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 #CF3021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3021
}
```

Border

The CSS property to change the border of an element to Hex CF3021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

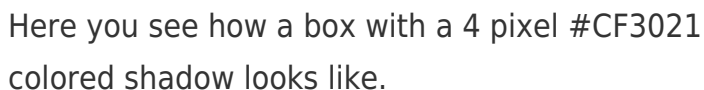
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF3021 }
```

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

```
.border{ border-color:#CF3021 }
```

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



Here you see how a box with a 4 pixel `#CF3021` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3021; -webkit-box-shadow:4px 4px  
4px 4px #CF3021; box-shadow:4px 4px 4px  
4px #CF3021 }
```

Background

The CSS property to change the background color of an element to Hex CF3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3021 }
```

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

```
.background{ background-color:#CF3021 }
```

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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