

Converting Colors

Hex(C3C31F)

Have a look what the booklet for
Hex(C3C31F) contains.

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Color

Hex(C3C31F)

Conversions

Conversions Part 1

Format	Color
Hex	C3C31F
RGB	195, 195, 31
RGB Percent	76%, 76%, 12%
CMY	0.2353, 0.2353, 0.8784
CMYK	0.00, 0.00, 0.84, 0.24
HSL	60°, 73%, 44%
HSV	60°, 84%, 76%
XYZ	42.2681, 50.7312, 8.8607
YIQ	176.3040, 52.6440, -51.0040

Conversions

Conversions Part 2

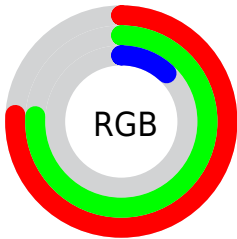
Format	Color
R _Y B	31, 195, 31
Decimal	12829471
CIE Lab	76.52, -17.13, 72.84
CIE LCh	77, 74.828, 103.233
Yxy	50.7312, 0.4150, 0.4980
Android (android.graphics.Color)	4291019551 (0xFFC3C31F)
YUV	176.3040, -71.6349, 16.3964
Hunter-Lab	71.2259, -18.7167, 42.4823

Details

The Hex color **C3C31F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **1F1FC3**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFFB5E**, and **898E00** is the 20% darker color. If you saturate the color by 10%, you get **C3C30C**, and if you desaturate by 10%, it is **C3C332**.

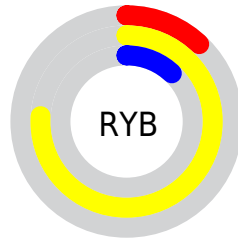
Distribution



Red (76%)

Green (76%)

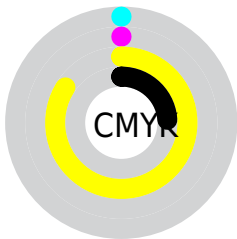
Blue (12%)



Red (12%)

Yellow (76%)

Blue (12%)

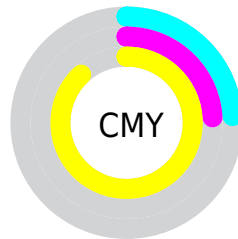


Cyan (0%)

Magenta (0%)

Yellow (84%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3C31F 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 C3C31F by changing the saturation by 10% instead.

 C3C31F

 C3C31F

FFFFFF

 A6A800


 FFFB5E

 898E00

 FFFF7B

 6D7400

 FFFF97

 515C00

 FFFFB4

 364400

 FFFFD1

 1D2E00

 FFFFEE

 001B00

 000000

 C3C31F

 C3C31F

 C3C30C

 C3C332

 C3C300

 C3C346

 C3C35A

 C3C36D

 C3C381

 C3C394

 C3C3A8

 C3C3BB

 C3C3CF

Harmonies

Analogous

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



FFAB2C



C3C31F



74D350

Triad

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



C3C31F



00DAFF



FF81E6

Complementary

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



C3C31F



1F1FC3

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.



E79DFF



C3C31F



00CFFF

Square

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



C3C31F



00DEDA



69BAFF



FF7AA1

Rectangle

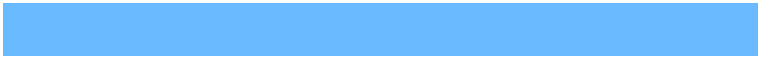
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3C31F



00D97B



69BAFF



FF89FC

Sweetspot

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



C3C31F



FCFCBD



C31F1F



808059



000000



808080

Same Dimension

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



C3C31F



FCFC00



71C31F



616157



A1A100



212100

Inverse Universe

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



1F1FC3



0000FC



711FC3



575761



0000A1



000021

Previews

White Background



This preview shows how the Hex color C3C31F looks on a white background.

Color Contrast Check

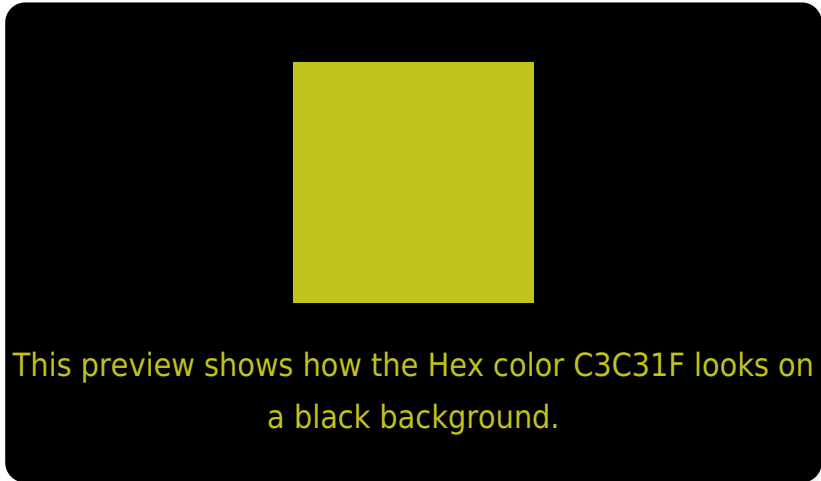
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex C3C31F Background



This preview shows how black text looks on a background with the Hex color C3C31F.

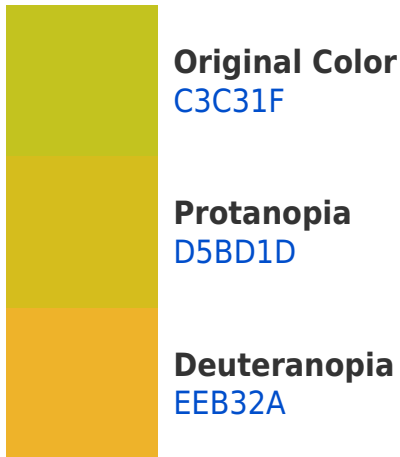


This preview shows how white text looks on a background with the Hex color C3C31F.

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](#).

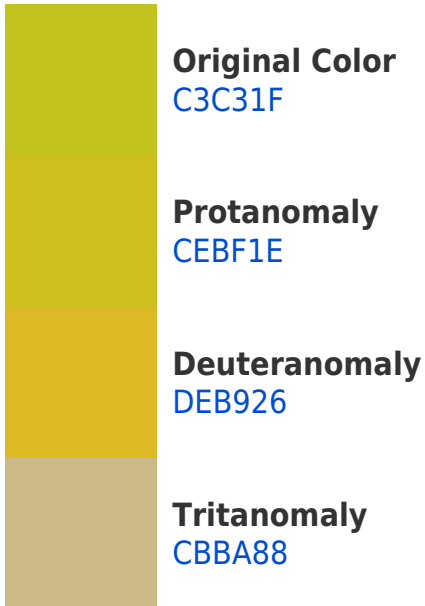
Dichromacy



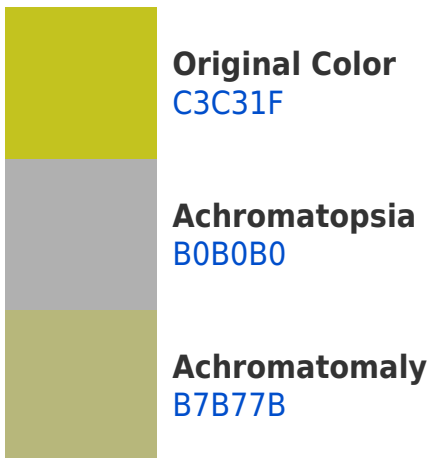


Tritanopia
D0B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3C31F 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 #C3C31F looks like.

```
.text, #text, p{  
    color:#C3C31F  
}
```

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 #C3C31F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C31F
}
```

Border

The CSS property to change the border of an element to Hex C3C31F 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
#C3C31F }
```

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

```
.border{ border-color:#C3C31F }
```

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

Here you see how a box with a 4 pixel #C3C31F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C31F; -webkit-box-shadow:4px 4px  
4px 4px #C3C31F; box-shadow:4px 4px 4px  
4px #C3C31F }
```

Background

The CSS property to change the background color of an element to Hex C3C31F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C31F }
```

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

```
.background{ background-color:#C3C31F }
```

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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