

Converting Colors

Hex(C0FF19)

Have a look what the booklet for
Hex(C0FF19) contains.

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Color

Hex(C0FF19)

Conversions

Conversions Part 1

Format	Color
Hex	C0FF19
RGB	192, 255, 25
RGB Percent	75%, 100%, 10%
CMY	0.2471, 0.0000, 0.9020
CMYK	0.25, 0.00, 0.90, 0.00
HSL	76°, 100%, 55%
HSV	76°, 90%, 100%
XYZ	57.6737, 82.7967, 13.8613
YIQ	209.9430, 36.2820, -84.8860

Conversions

Conversions Part 2

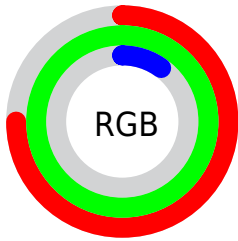
Format	Color
RYB	25, 255, 88
Decimal	12648217
CIELab	92.93, -46.20, 87.19
CIElCh	93, 98.677, 117.920
Yxy	82.7967, 0.3737, 0.5365
Android (android.graphics.Color)	4290838297 (0xFFC0FF19)
YUV	209.9430, -91.1769, -15.7360
Hunter-Lab	90.9927, -46.0989, 54.6629

Details

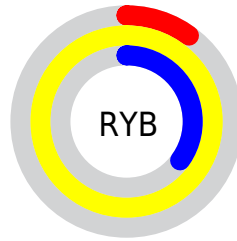
The Hex color **C0FF19** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **5819FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FDF665**, and **84C600** is the 20% darker color. If you saturate the color by 10%, you get **B9FF00**, and if you desaturate by 10%, it is **C7FF32**.

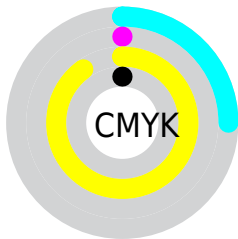
Distribution



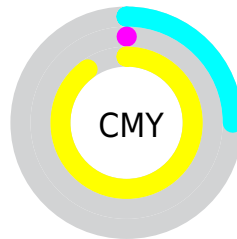
- Red (75%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (35%)



- Cyan (25%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0FF19 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 C0FF19 by changing the saturation by 10% instead.

 C0FF19

 C0FF19

FFFFFF

 A2E200

 FDF665

 84C600

 FFF884

 66AA00

 FFFA2

 489000

 FFFBF

 267600

 FFFDD

 005C00

 FFFFC

 004400

 002E00

 001200

 C0FF19

 C0FF19

 B9FF00

 C7FF32

 CEFF4C

 D5FF65

 DCFF7F

 E3FF98

 EAFFB2

 F1FFCB

 F8FFE5

FFFFFFE

Harmonies

Analogous

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



FFE400



C0FF19



00FF7F

Triad

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



C0FF19



00FFFF



FF87F5

Complementary

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



C0FF19



5819FF

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.



FFA7FF



C0FF19



00F8FF

Square

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



C0FF19



00FFFF



D9D4FF



FF9498

Rectangle

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



C0FF19



00FFC0



D9D4FF



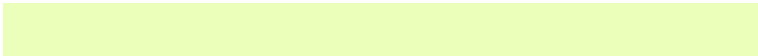
FF8EFF

Sweetspot

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



C0FF19



ECFFBA



FF5619



748057



000000



808080

Same Dimension

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



C0FF19



B9FF00



4FFF19



7C8073



8BBF00



2E4000

Inverse Universe

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



5819FF



4600FF



C919FF



767380



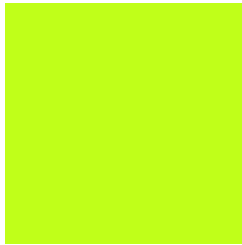
3400BF



110040

Previews

White Background



This preview shows how the Hex color C0FF19 looks on a white background.

Color Contrast Check

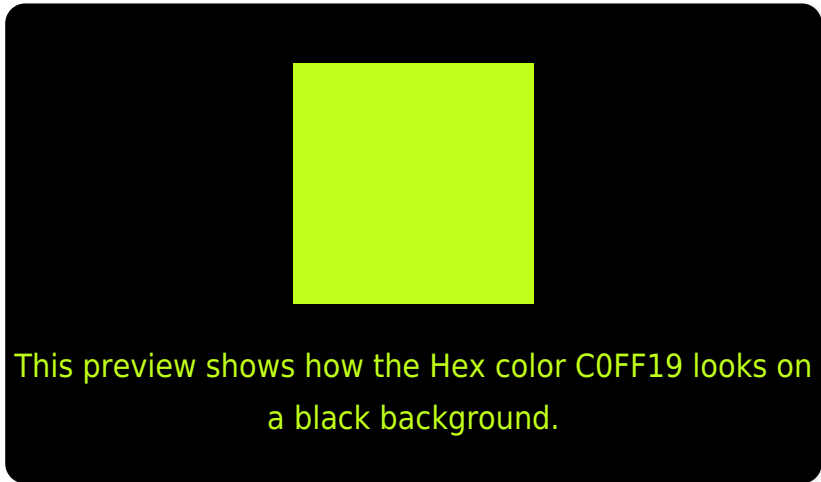
Large Text (above 18pt) WCAG AA × Fail

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 C0FF19 Background



This preview shows how black text looks on a background with the Hex color C0FF19.

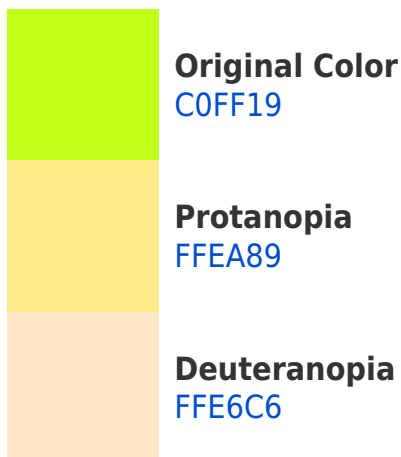


This preview shows how white text looks on a background with the Hex color C0FF19.

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](#).

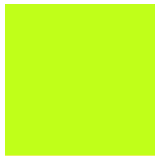
Dichromacy





Tritanopia
D8EDFF

Trichromacy



Original Color
C0FF19



Protanomaly
E8F260

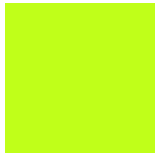


Deuteranomaly
E8EF87

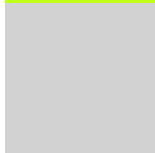


Tritanomaly
CFF4AB

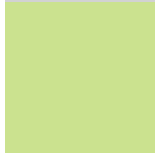
Monochromacy



Original Color
C0FF19



Achromatopsia
D2D2D2



Achromatomaly
CBE28F

CSS Examples

Text

The CSS property to change the color of the text to Hex C0FF19 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 #C0FF19 looks like.

```
.text, #text, p{  
    color:#C0FF19  
}
```

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 #C0FF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0FF19
}
```

Border

The CSS property to change the border of an element to Hex C0FF19 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
#C0FF19 }
```

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

```
.border{ border-color:#C0FF19 }
```

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

Here you see how a box with a 4 pixel `#C0FF19` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0FF19; -webkit-box-shadow:4px 4px  
4px 4px #C0FF19; box-shadow:4px 4px 4px  
4px #C0FF19 }
```

Background

The CSS property to change the background color of an element to Hex C0FF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0FF19 }
```

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

```
.background{ background-color:#C0FF19 }
```

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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