

# Converting Colors

Hex(C4FF00)

Have a look what the booklet for  
Hex(C4FF00) contains.

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**Color**

**Hex(C4FF00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4FF00
RGB	196, 255, 0
RGB Percent	77%, 100%, 0%
CMY	0.2314, 0.0000, 1.0000
CMYK	0.23, 0.00, 1.00, 0.00
HSL	74°, 100%, 50%
HSV	74°, 100%, 100%
XYZ	58.5250, 83.2558, 12.9854
YIQ	208.2890, 46.6910, -91.8130

# Conversions

## Conversions Part 2

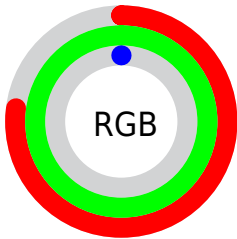
Format	Color
<a href="#">RYB</a>	<a href="#">0, 255, 59</a>
Decimal	<a href="#">12910336</a>
CIELab	<a href="#">93.13, -45.00, 89.70</a>
CIElCh	<a href="#">93, 100.357, 116.640</a>
Yxy	<a href="#">83.2558, 0.3782, 0.5379</a>
Android (android.graphics.Color)	<a href="#">4291100416 (0xFFC4FF00)</a>
YUV	<a href="#">208.2890, -102.6865, -10.7775</a>
Hunter-Lab	<a href="#">91.2446, -45.1868, 55.4334</a>

# Details

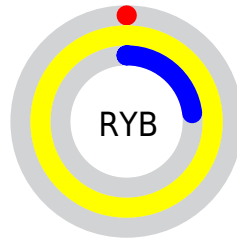
The Hex color **C4FF00** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **3B00FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF5F**, and **88C600** is the 20% darker color. If you saturate the color by 10%, you get **C4FF00**, and if you desaturate by 10%, it is **CAFF19**.

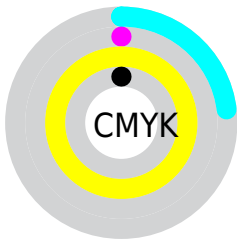
# Distribution



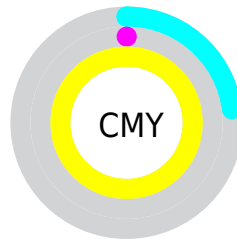
- Red (77%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (23%)



- Cyan (23%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4FF00 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 C4FF00 by changing the saturation by 10% instead.



 C4FF00

 C4FF00

FFFFFF

 A6E200

 FFFF5F

 88C600

 FFFF7E

 6AAB00

 FFFF9C

 4C9000


 FFFFBA

 2B7600

 FFFFD8

 005D00

 FFFFF6

 004400

 002E00

 001300

 C4FF00

 CAFF19

 D0FF33

 D6FF4D

 DCFF66

 E2FF80

 E7FF99

 EDFFB3

 F3FFCC

 F9FFE6

# Harmonies

## Analogous

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



FFE300



C4FF00



00FF79

# Triad

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



C4FF00



00FFFF



FF85FA

# Complementary

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



C4FF00



3B00FF

# 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.



FFA8FF



C4FF00



00FAFF

# Square

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



C4FF00



00FFFF



D1D6FF



FF919B

# Rectangle

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



C4FF00



00FFBB



D1D6FF



FF8DFF

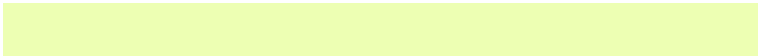


# Sweetspot

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



C4FF00



EDFFB3



FF3700



758052



000000



808080



# Same Dimension

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



C4FF00



48FF00



7D8073



93BF00



314000

# Inverse Universe

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



3B00FF



B700FF



767380



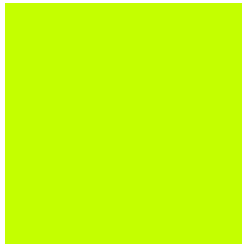
2C00BF



0F0040

# Previews

## White Background



This preview shows how the Hex color C4FF00 looks on a white background.

## Color Contrast Check

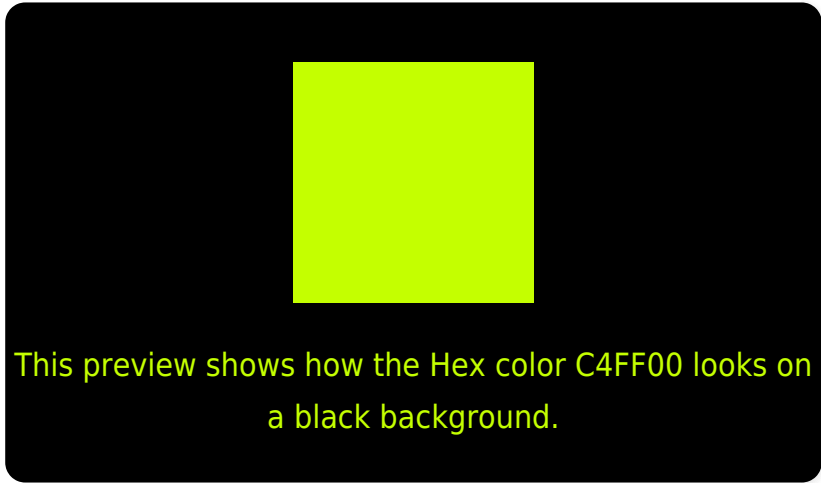
Large Text (above 18pt) WCAG AA × Fail

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 C4FF00 Background



This preview shows how black text looks on a background with the Hex color C4FF00.

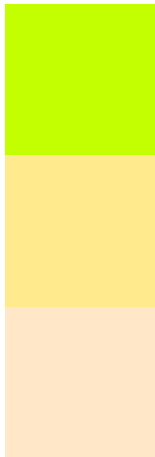


This preview shows how white text looks on a background with the Hex color C4FF00.

# 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**  
C4FF00

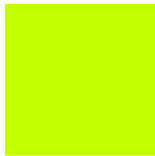
**Protanopia**  
FFEB8E

**Deuteranopia**  
FFE7C8

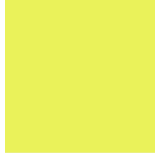




# Trichromacy



**Original Color**  
C4FF00



**Protanomaly**  
EAF25A

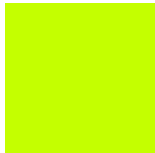


**Deuteranomaly**  
EAF07F

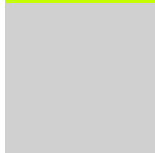


**Tritanomaly**  
D3F4A2

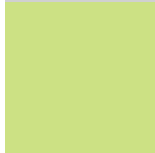
# Monochromacy



**Original Color**  
C4FF00



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
CCE184

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4FF00 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 #C4FF00 looks like.

```
.text, #text, p{  
    color:#C4FF00  
}
```

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 #C4FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FF00
}
```

## Border

The CSS property to change the border of an element to Hex C4FF00 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
#C4FF00 }
```

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

```
.border{ border-color:#C4FF00 }
```

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

Here you see how a box with a 4 pixel #C4FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FF00; -webkit-box-shadow:4px 4px  
4px 4px #C4FF00; box-shadow:4px 4px 4px  
4px #C4FF00 }
```

# Background

The CSS property to change the background color of an element to Hex C4FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FF00 }
```

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

```
.background{ background-color:#C4FF00 }
```

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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