

Converting Colors

Hex(C7FF00)

Have a look what the booklet for
Hex(C7FF00) contains.

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Color

Hex(C7FF00)

Conversions

Conversions Part 1

Format	Color
Hex	C7FF00
RGB	199, 255, 0
RGB Percent	78%, 100%, 0%
CMY	0.2196, 0.0000, 1.0000
CMYK	0.22, 0.00, 1.00, 0.00
HSL	73°, 100%, 50%
HSV	73°, 100%, 100%
XYZ	59.3132, 83.6621, 13.0223
YIQ	209.1860, 48.4790, -91.1770

Conversions

Conversions Part 2

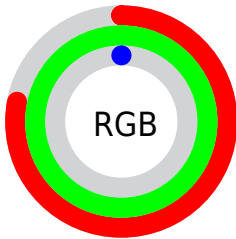
Format	Color
RYB	0, 255, 56
Decimal	13106944
CIELab	93.30, -43.86, 89.92
CIELCh	93, 100.043, 116.003
Yxy	83.6621, 0.3802, 0.5363
Android (android.graphics.Color)	4291297024 (0xFFC7FF00)
YUV	209.1860, -103.1287, -8.9331
Hunter-Lab	91.4670, -44.3162, 55.5857

Details

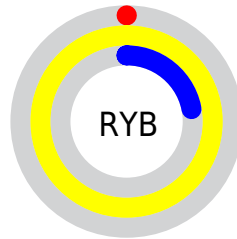
The Hex color **C7FF00** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **3800FF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF5F**, and **8BC600** is the 20% darker color. If you saturate the color by 10%, you get **C7FF00**, and if you desaturate by 10%, it is **CDFF19**.

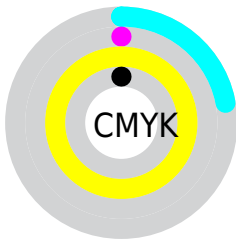
Distribution



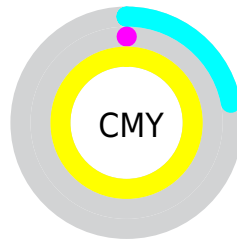
- Red (78%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (22%)



- Cyan (22%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7FF00 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 C7FF00 by changing the saturation by 10% instead.

 C7FF00

 C7FF00

FFFFFF

 A9E200

 FFFF5F

 8BC600

 FFFF7E

 6DAB00


 FFFF9C

 509000

 FFFFBA

 2F7600

 FFFFD8

 015D00

 FFFFF7

 004400

 002E00

 001400

 C7FF00

 CDFF19

 D2FF33

 D8FF4D

 DDFF66

 E3FF80

 E9FF99

 EEFFB3

 F4FFCC

 F9FFE6

Harmonies

Analogous

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



FFE300



C7FF00



00FF78

Triad

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



C7FF00



00FFFF



FF87FD

Complementary

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



C7FF00



3800FF

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.



FFA9FF



C7FF00



00FBFF

Square

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



C7FF00



00FFFF



CED8FF



FF929D

Rectangle

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



C7FF00



00FFBA



CED8FF



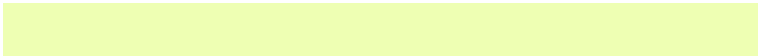
FF8EFF

Sweetspot

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



C7FF00



EEFFB3



FF3700



758052



000000



808080

Same Dimension

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



C7FF00



48FF00



7D8073



95BF00



324000

Inverse Universe

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



3800FF



B700FF



767380



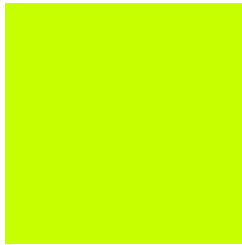
2A00BF



0E0040

Previews

White Background



This preview shows how the Hex color C7FF00 looks on a white background.

Color Contrast Check

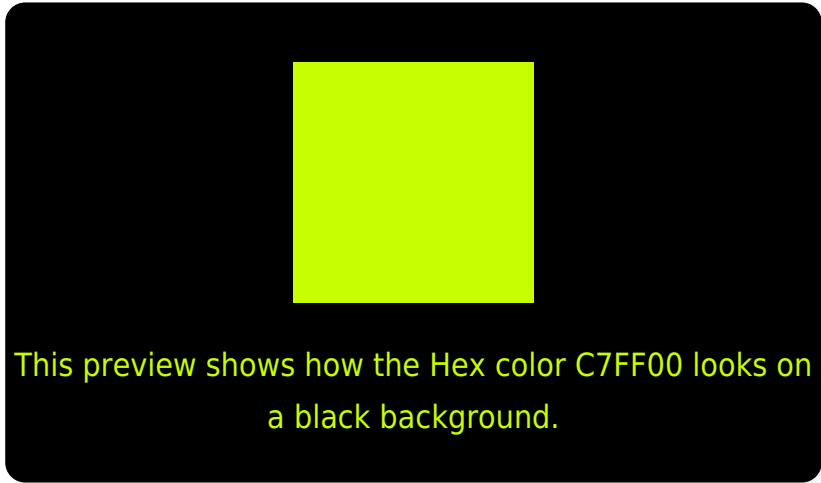
Large Text (above 18pt) WCAG AA × Fail

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 C7FF00 Background



This preview shows how black text looks on a background with the Hex color C7FF00.

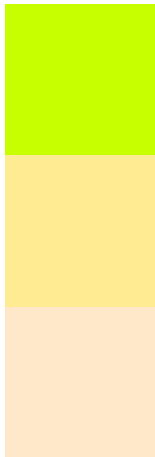


This preview shows how white text looks on a background with the Hex color C7FF00.

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
C7FF00

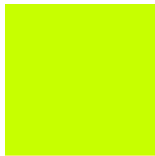
Protanopia
FFEB92

Deuteranopia
FFE7C9

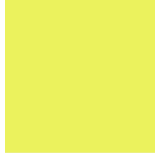


Tritanopia
DEEDFF

Trichromacy



Original Color
C7FF00



Protanomaly
EBF25D



Deuteranomaly
EBF080

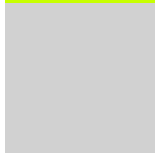


Tritanomaly
D6F4A2

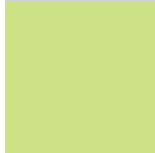
Monochromacy



Original Color
C7FF00



Achromatopsia
D1D1D1



Achromatomaly
CDE285

CSS Examples

Text

The CSS property to change the color of the text to Hex C7FF00 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 #C7FF00 looks like.

```
.text, #text, p{  
    color:#C7FF00  
}
```

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 #C7FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FF00
}
```

Border

The CSS property to change the border of an element to Hex C7FF00 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
#C7FF00 }
```

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

```
.border{ border-color:#C7FF00 }
```

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

Here you see how a box with a 4 pixel #C7FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FF00; -webkit-box-shadow:4px 4px  
4px 4px #C7FF00; box-shadow:4px 4px 4px  
4px #C7FF00 }
```

Background

The CSS property to change the background color of an element to Hex C7FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FF00 }
```

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

```
.background{ background-color:#C7FF00 }
```

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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