

# Converting Colors

Hex(C7FF1F)

Have a look what the booklet for  
Hex(C7FF1F) contains.

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# Color

Hex(C7FF1F)

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FF1F
RGB	199, 255, 31
RGB Percent	78%, 100%, 12%
CMY	0.2196, 0.0000, 0.8784
CMYK	0.22, 0.00, 0.88, 0.00
HSL	75°, 100%, 56%
HSV	75°, 88%, 100%
XYZ	59.5605, 83.7610, 14.3247
YIQ	212.7200, 38.5280, -81.5360

# Conversions

## Conversions Part 2

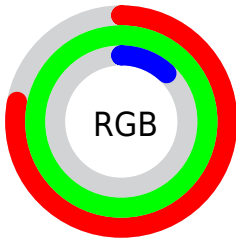
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">31, 255, 87</a>
Decimal	<a href="#">13106975</a>
CIELab	<a href="#">93.35, -43.45, 86.81</a>
CIELCh	<a href="#">93, 97.077, 116.591</a>
Yxy	<a href="#">83.7610, 0.3778, 0.5313</a>
Android (android.graphics.Color)	<a href="#">4291297055 (0xFFC7FF1F)</a>
YUV	<a href="#">212.7200, -89.5880, -12.0324</a>
Hunter-Lab	<a href="#">91.5211, -43.9968, 54.7848</a>

# Details

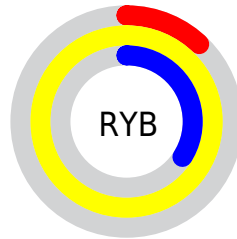
The Hex color **C7FF1F** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **571FFF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF68**, and **8BC600** is the 20% darker color. If you saturate the color by 10%, you get **C1FF06**, and if you desaturate by 10%, it is **CDFF39**.

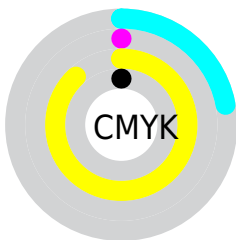
# Distribution



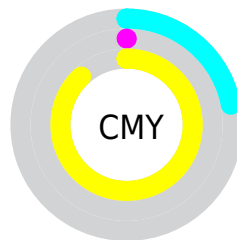
- Red (78%)
- Green (100%)
- Blue (12%)



- Red (12%)
- Yellow (100%)
- Blue (34%)



- Cyan (22%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7FF1F 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 C7FF1F by changing the saturation by 10% instead.



 C7FF1F

 C7FF1F

FFFFFF

 A9E200

 FFFF68

 8BC600

 FFFF86

 6EAB00

 FFFFA4

 509000

 FFFF C2

 307600

 FFFF E0

 045D00

FFFFFFE

 004400

 002E00

 001400

 C7FF1F

 C7FF1F

 C1FF06

 CDFF39

 BFFF00

 D4FF52

 DAFF6B

 E1FF85

 E7FF9F

 EDFFB8

 F4FFD2

 FAFFEB

FFFFFF

# Harmonies

## Analogous

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



FFE400



C7FF1F



1AFF7E

# Triad

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



C7FF1F



00FFFF



FF8CFB

# Complementary

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



C7FF1F



571FFF

# 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.



FFABFF



C7FF1F



00FAFF

# Square

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



C7FF1F



00FFFF



D4D8FF



FF979E

# Rectangle

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



C7FF1F



00FFBD



D4D8FF



FF93FF

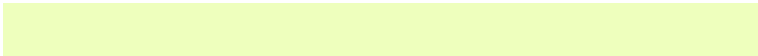


# Sweetspot

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



C7FF1F



EEFFBD



FF571F



768058



000000



808080



# Same Dimension

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



C7FF1F



BFFF00



57FF1F



7C8073



8FBF00



304000



# Inverse Universe

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



571FFF



4000FF



C71FFF



767380



3000BF

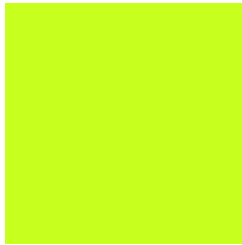


100040



# Previews

## White Background



This preview shows how the Hex color C7FF1F looks on a white background.

## Color Contrast Check

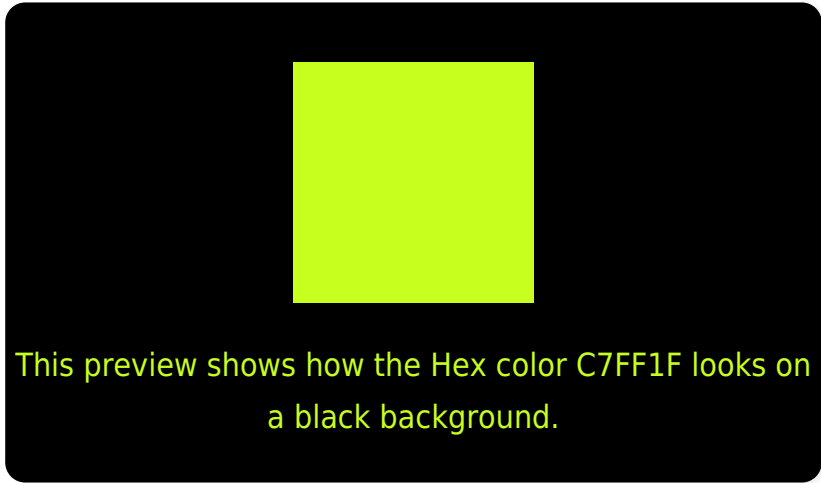
Large Text (above 18pt) WCAG AA × Fail

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 C7FF1F Background



This preview shows how black text looks on a background with the Hex color C7FF1F.

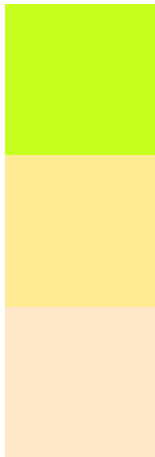


This preview shows how white text looks on a background with the Hex color C7FF1F.

# 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**  
C7FF1F

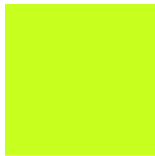
**Protanopia**  
FFEB93

**Deuteranopia**  
FFE8CA

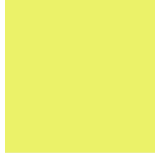


**Tritanopia**  
DDEDFF

# Trichromacy



**Original Color**  
C7FF1F



**Protanomaly**  
EBF269



**Deuteranomaly**  
EBF08C

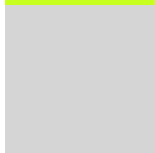


**Tritanomaly**  
D5F4AE

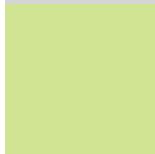
# Monochromacy



**Original Color**  
C7FF1F



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
D0E493

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7FF1F 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 #C7FF1F looks like.

```
.text, #text, p{  
    color:#C7FF1F  
}
```

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 #C7FF1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FF1F
}
```

## Border

The CSS property to change the border of an element to Hex C7FF1F 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
#C7FF1F }
```

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

```
.border{ border-color:#C7FF1F }
```

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

Here you see how a box with a 4 pixel #C7FF1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FF1F; -webkit-box-shadow:4px 4px  
4px 4px #C7FF1F; box-shadow:4px 4px 4px  
4px #C7FF1F }
```

# Background

The CSS property to change the background color of an element to Hex C7FF1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FF1F }
```

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

```
.background{ background-color:#C7FF1F }
```

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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