

Converting Colors

Hex(1CFF5F)

Have a look what the booklet for
Hex(1CFF5F) contains.

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Color

Hex(1CFF5F)

Conversions

Conversions Part 1

Format	Color
Hex	1CFF5F
RGB	28, 255, 95
RGB Percent	11%, 100%, 37%
CMY	0.8902, 0.0000, 0.6275
CMYK	0.89, 0.00, 0.63, 0.00
HSL	138°, 100%, 55%
HSV	138°, 89%, 100%
XYZ	38.3044, 72.5931, 22.8195
YIQ	168.8870, -83.9320, -97.8840

Conversions

Conversions Part 2

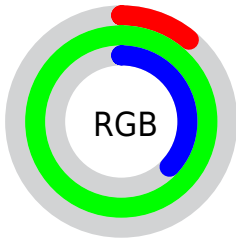
Format	Color
RYB	28, 203, 255
Decimal	1900383
CIELab	88.25, -80.04, 60.95
CIELCh	88, 100.607, 142.713
Yxy	72.5931, 0.2865, 0.5429
Android (android.graphics.Color)	4280090463 (0xFF1CFF5F)
YUV	168.8870, -36.4263, -123.5579
Hunter-Lab	85.2016, -68.8537, 43.7615

Details

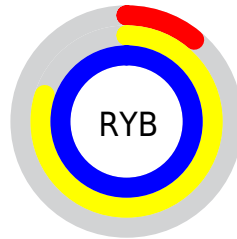
The Hex color **1CFF5F** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed green. A complement of this color would be **FF1CBC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7AFF97**, and **00C424** is the 20% darker color. If you saturate the color by 10%, you get **03FF4D**, and if you desaturate by 10%, it is **36FF71**.

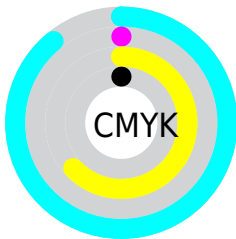
Distribution



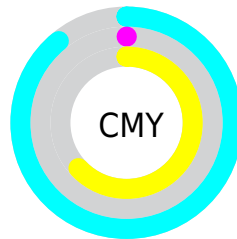
- Red (11%)
- Green (100%)
- Blue (37%)



- Red (11%)
- Yellow (80%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CFF5F 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 1CFF5F by changing the saturation by 10% instead.

 1CFF5F

 1CFF5F

FFFFFF

 00E143

 7AFF97

 00C424

 9DFFB3

 00A800

 BEFFCF

 008C00

 DEFFED

 007100

FEFFFF

 005600

 003E00

 002300

 000000

 1CFF5F

 1CFF5F

 03FF4D

 36FF71

 00FF4B

 4FFF83

 69FF95

 82FFA7

 9CFFB9

 B5FFCB

 CFFFDD

 E8FFEF

FFFFFF

Harmonies

Analogous

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



C3EE00



1CFF5F



00FFC2

Triad

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



1CFF5F



00F0FF



FF7D9A

Complementary

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



1CFF5F



FF1CBC

Split Complementary

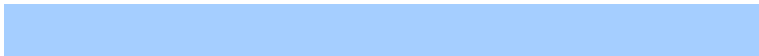
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF76F9



1CFF5F



A5CEFF

Square

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



1CFF5F



00FFFF



FF9FFF



FFA740

Rectangle

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



1CFF5F



00FFFF



FF9FFF



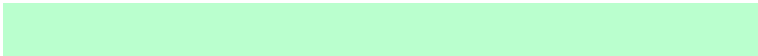
FF74B9

Sweetspot

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



1CFF5F



BAFFCE



BFFF1C



578063



000000



808080

Same Dimension

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



1CFF5F



00FF4B



1CFFCE



738077



00BF38



004013

Inverse Universe

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



FF1CBC



FF00B4



FF1C4D



80737C



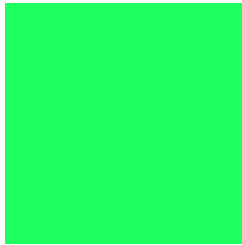
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 1CFF5F looks on a white background.

Color Contrast Check

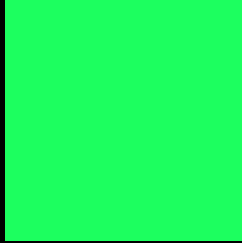
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1CFF5F looks on a 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 1CFF5F Background



This preview shows how black text looks on a background with the Hex color 1CFF5F.

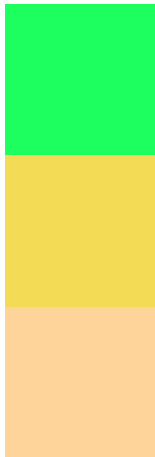


This preview shows how white text looks on a background with the Hex color 1CFF5F.

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](#).

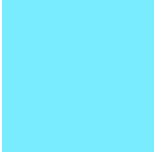
Dichromacy



Original Color
1CFF5F

Protanopia
F4DB55

Deuteranopia
FFD49A



Tritanopia
79EDFF

Trichromacy



Original Color
1CFF5F



Protanomaly
A5E859

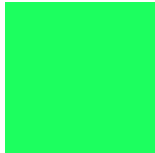


Deuteranomaly
ACE485



Tritanomaly
57F4C5

Monochromacy



Original Color
1CFF5F



Achromatopsia
A9A9A9



Achromatomaly
76C88E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CFF5F 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 #1CFF5F looks like.

```
.text, #text, p{  
    color:#1CFF5F  
}
```

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 #1CFF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CFF5F
}
```

Border

The CSS property to change the border of an element to Hex 1CFF5F 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
#1CFF5F }
```

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

```
.border{ border-color:#1CFF5F }
```

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

Here you see how a box with a 4 pixel #1CFF5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CFF5F; -webkit-box-shadow:4px 4px  
4px 4px #1CFF5F; box-shadow:4px 4px 4px  
4px #1CFF5F }
```

Background

The CSS property to change the background color of an element to Hex 1CFF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CFF5F }
```

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

```
.background{ background-color:#1CFF5F }
```

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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