

Converting Colors

Hex(1FF71C)

Have a look what the booklet for
Hex(1FF71C) contains.

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Color

Hex(1FF71C)

Conversions

Conversions Part 1

Format	Color
Hex	1FF71C
RGB	31, 247, 28
RGB Percent	12%, 97%, 11%
CMY	0.8784, 0.0314, 0.8902
CMYK	0.87, 0.00, 0.89, 0.03
HSL	119°, 93%, 54%
HSV	119°, 89%, 97%
XYZ	34.0354, 66.8967, 12.2171
YIQ	157.4500, -58.4370, -113.9010

Conversions

Conversions Part 2

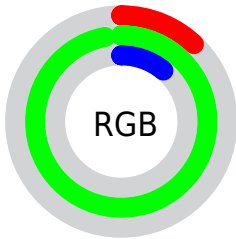
Format	Color
RYB	28, 247, 244
Decimal	2094876
CIELab	85.45, -82.23, 78.45
CIELCh	85, 113.653, 136.348
Yxy	66.8967, 0.3008, 0.5912
Android (android.graphics.Color)	4280284956 (0xFF1FF71C)
YUV	157.4500, -63.8189, -110.8967
Hunter-Lab	81.7904, -68.8540, 48.3971

Details

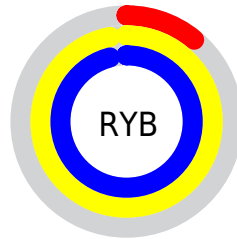
The Hex color **1FF71C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F41CF7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7CFF63**, and **00BD00** is the 20% darker color. If you saturate the color by 10%, you get **07F703**, and if you desaturate by 10%, it is **37F735**.

Distribution



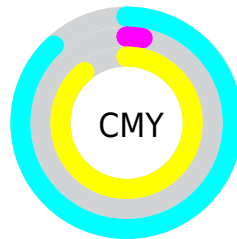
- Red (12%)
- Green (97%)
- Blue (11%)



- Red (11%)
- Yellow (97%)
- Blue (96%)



- Cyan (87%)
- Magenta (0%)
- Yellow (89%)
- Black (3%)



- Cyan (88%)
- Magenta (3%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FF71C 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 1FF71C by changing the saturation by 10% instead.

 1FF71C

 1FF71C

FFFFFF

 00DA00

 7CFF63

 00BD00

 9EFF81

 00A100

 BFFF9E

 008500

 E0FFBC

 006A00

 FFFFD9

 004F00

 FFFFF8

 003600

 001C00

 000000

 1FF71C

 1FF71C

 07F703

 37F735

 03F700

 50F74D

 68F766

 80F77F

 99F798

 B1F7B0

 CAF7C9

 E2F7E2

 FAF7FA

Harmonies

Analogous

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



CAE300



1FF71C



00FF9F

Triad

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



1FF71C



00F1FF



FF4BA0

Complementary

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



1FF71C



F41CF7

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.



FF55FF



1FF71C



00CFFF

Square

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



1FF71C



00FFFF



FF98FF



FF8935

Rectangle

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



1FF71C



00FFEA



FF98FF



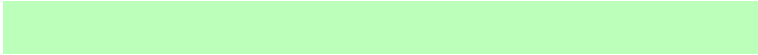
FF40C4

Sweetspot

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



1FF71C



BBFFBA



F7F31C



578057



000000



808080

Same Dimension

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



1FF71C



03FF00



1CF786



6E7A6E



03BA00



013B00

Inverse Universe

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



F41CF7



FC00FF



F71C8D



7A6E7A



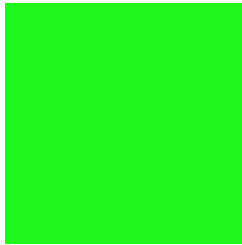
B800BA



3A003B

Previews

White Background



This preview shows how the Hex color 1FF71C looks on a white background.

Color Contrast Check

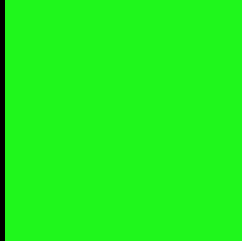
Large Text (above 18pt) WCAG AA × Fail

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 1FF71C 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 1FF71C Background



This preview shows how black text looks on a background with the Hex color 1FF71C.

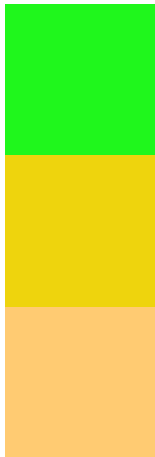


This preview shows how white text looks on a background with the Hex color 1FF71C.

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](#).

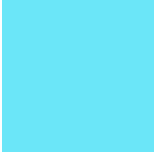
Dichromacy



Original Color
1FF71C

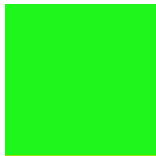
Protanopia
EED40D

Deuteranopia
FFCB72



Tritanopia
6BE6F8

Trichromacy



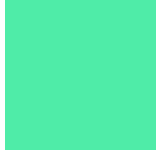
Original Color
1FF71C



Protanomaly
A3E112

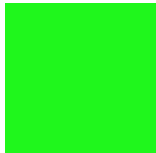


Deuteranomaly
AEDB53



Tritanomaly
4FECA8

Monochromacy



Original Color
1FF71C



Achromatopsia
9D9D9D



Achromatomaly
6FBE6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FF71C 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 #1FF71C looks like.

```
.text, #text, p{  
    color:#1FF71C  
}
```

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 #1FF71C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FF71C
}
```

Border

The CSS property to change the border of an element to Hex 1FF71C 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
#1FF71C }
```

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

```
.border{ border-color:#1FF71C }
```

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

Here you see how a box with a 4 pixel #1FF71C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FF71C; -webkit-box-shadow:4px 4px  
4px 4px #1FF71C; box-shadow:4px 4px 4px  
4px #1FF71C }
```

Background

The CSS property to change the background color of an element to Hex 1FF71C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FF71C }
```

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

```
.background{ background-color:#1FF71C }
```

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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