

Converting Colors

Hex(1AFF1C)

Have a look what the booklet for
Hex(1AFF1C) contains.

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Color

Hex(1AFF1C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1AFF1C |
| RGB | 26, 255, 28 |
| RGB Percent | 10%, 100%, 11% |
| CMY | 0.8980, 0.0000, 0.8902 |
| CMYK | 0.90, 0.00, 0.89, 0.00 |
| HSL | 121°, 100%, 55% |
| HSV | 121°, 90%, 100% |
| XYZ | 36.3956, 71.8235, 13.0437 |
| YIQ | 160.6510, -63.6170, -119.1450 |

Conversions

Conversions Part 2

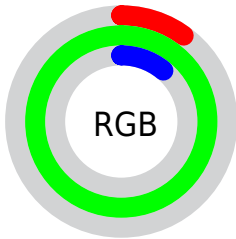
| Format | Color |
|-------------------------------------|----------------------------------|
| R _Y B | 26, 253, 255 |
| Decimal | 1769244 |
| CIE Lab | 87.88, -84.69, 80.52 |
| CIE LCh | 88, 116.856, 136.447 |
| Yxy | 71.8235, 0.3001, 0.5923 |
| Android (android.graphics.Color) | 4279959324 (0xFF1AFF1C) |
| YUV | 160.6510, -65.3969, -118.0889 |
| Hunter-Lab | 84.7487, -71.6529, 50.1988 |

Details

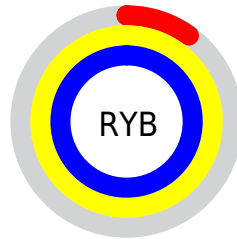
The Hex color **1AFF1C** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **FF1AFD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7CFF65**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF03**, and if you desaturate by 10%, it is **33FF35**.

Distribution



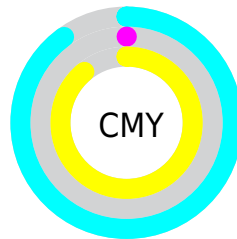
- Red (10%)
- Green (100%)
- Blue (11%)



- Red (10%)
- Yellow (99%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AFF1C 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 1AFF1C by changing the saturation by 10% instead.

 1AFF1C

 1AFF1C

FFFFFF

 00E100

 7CFF65

 00C400

 9FFF83

 00A800

 C1FFA0

 008C00

 E1FFBE

 007100

 FFFFDC

 005600

 FFFFFA

 003D00

 002200

 000000

 1AFF1C

 1AFF1C

 00FF03


 33FF35

 00FF02

 4DFF4F

 66FF68

 80FF81

 99FF9A

 B3FFB4

 CCFFCD

 E6FFE6

FFFFFF

Harmonies

Analogous

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



D0EA00



1AFF1C



00FFA4

Triad

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



1AFF1C



00F8FF



FF4CA5

Complementary

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



1AFF1C



FF1AFD

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.



FF56FF



1AFF1C



00D5FF

Square

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



1AFF1C



00FFFF



FF9CFF



FF8D36

Rectangle

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



1AFF1C



00FFF2



FF9CFF



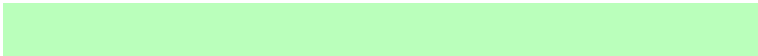
FF41CA

Sweetspot

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



1AFF1C



BAFFBB



FFFF1A



578057



000000



808080

Same Dimension

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



1AFF1C



00FF02



1AFF8D



738073



00BF02



004001

Inverse Universe

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



FF1AFD



FF00FD



FF1A8D



80737F



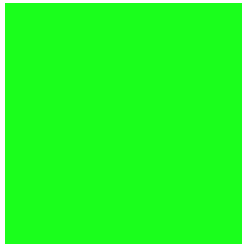
BF00BE



40003F

Previews

White Background



This preview shows how the Hex color 1AFF1C looks on a white background.

Color Contrast Check

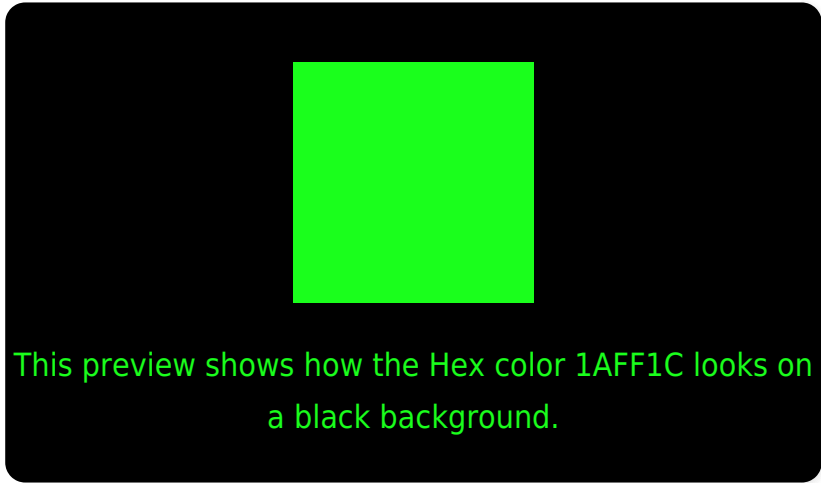
Large Text (above 18pt) WCAG AA × Fail

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

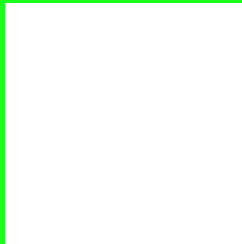
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1AFF1C Background



This preview shows how black text looks on a background with the Hex color 1AFF1C.

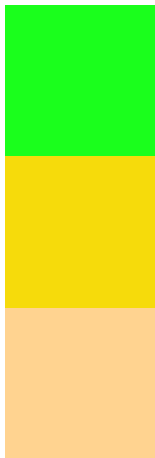


This preview shows how white text looks on a background with the Hex color 1AFF1C.

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](#).

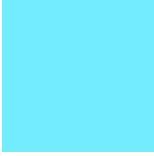
Dichromacy



Original Color
1AFF1C

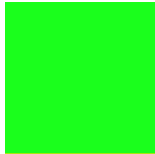
Protanopia
F6DB0B

Deuteranopia
FFD390



Tritanopia
74ECFF

Trichromacy



Original Color
1AFF1C



Protanomaly
A6E811

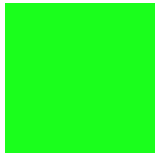


Deuteranomaly
ACE366

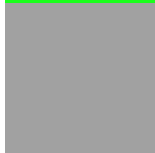


Tritanomaly
53F3AC

Monochromacy



Original Color
1AFF1C



Achromatopsia
A1A1A1



Achromatomaly
70C371

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AFF1C 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 #1AFF1C looks like.

```
.text, #text, p{  
    color:#1AFF1C  
}
```

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 #1AFF1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AFF1C
}
```

Border

The CSS property to change the border of an element to Hex 1AFF1C 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
#1AFF1C }
```

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

```
.border{ border-color:#1AFF1C }
```

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

Here you see how a box with a 4 pixel #1AFF1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AFF1C; -webkit-box-shadow:4px 4px  
4px 4px #1AFF1C; box-shadow:4px 4px 4px  
4px #1AFF1C }
```

Background

The CSS property to change the background color of an element to Hex 1AFF1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AFF1C }
```

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

```
.background{ background-color:#1AFF1C }
```

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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