

# Converting Colors

Hex(1BFF6F)

Have a look what the booklet for  
Hex(1BFF6F) contains.

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**Color**

**Hex(1BFF6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BFF6F
RGB	27, 255, 111
RGB Percent	11%, 100%, 44%
CMY	0.8941, 0.0000, 0.5647
CMYK	0.89, 0.00, 0.56, 0.00
HSL	142°, 100%, 55%
HSV	142°, 89%, 100%
XYZ	39.0812, 72.9007, 27.0504
YIQ	170.4120, -89.6640, -93.1200

# Conversions

## Conversions Part 2

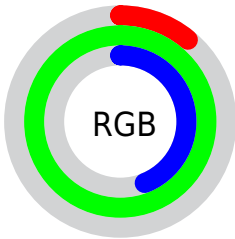
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 194, 255
Decimal	1834863
CIELab	88.40, -78.20, 54.27
CIELCh	88, 95.186, 145.238
Yxy	72.9007, 0.2811, 0.5243
Android (android.graphics.Color)	4280024943 (0xFF1BFF6F)
YUV	170.4120, -29.2901, -125.7723
Hunter-Lab	85.3819, -67.7148, 40.9833

# Details

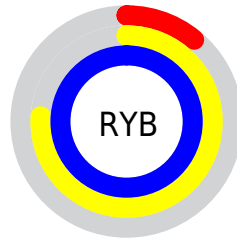
The Hex color **1BFF6F** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF1BAB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **79FFA6**, and **00C539** is the 20% darker color. If you saturate the color by 10%, you get **01FF5F**, and if you desaturate by 10%, it is **34FF7F**.

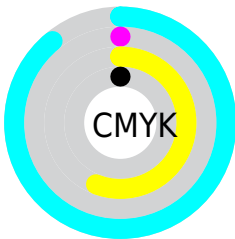
# Distribution



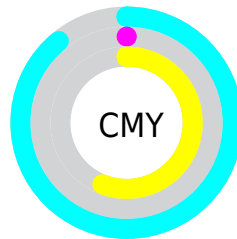
- Red (11%)
- Green (100%)
- Blue (44%)



- Red (11%)
- Yellow (76%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BFF6F 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 1BFF6F by changing the saturation by 10% instead.



 1BFF6F

 1BFF6F

FFFFFF

 00E154

 79FFA6

 00C539

 9CFFC2

 00A81A

 BCFFDF

 008C00

 DDFFFC

 007100

 FDFFFF

 005700

 003E00

 002400

 000000

 1BFF6F

 1BFF6F

 01FF5F

 34FF7F

 00FF5E

 4EFF8F

 67FF9F

 81FFAF

 9AFFC0

 B4FFD0

 CDFFE0

 E7FFF0

FFFFFF

# Harmonies

## Analogous

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



BEEF00



1BFF6F



00FFCC

# Triad

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



1BFF6F



00EDFF



FF8896

# Complementary

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



1BFF6F



FF1BAB

# 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.



FF7FF0



1BFF6F



BDCCFF

# Square

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



1BFF6F



00FFFF



FFA1FF



FFAF44

# Rectangle

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



1BFF6F



00FFFF



FFA1FF



FF80B4

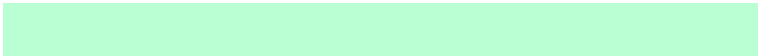


# Sweetspot

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



1BFF6F



BAFFD4



ABFF1B



578066



000000



808080



# Same Dimension

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



1BFF6F



00FF5E



1BFFE1



738077



00BF46



004017



# Inverse Universe

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



FF1BAB



FF00A1



FF1B39



80737B



BF0079

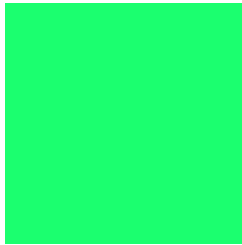


400028



# Previews

## White Background



This preview shows how the Hex color 1BFF6F looks on a white background.

## Color Contrast Check

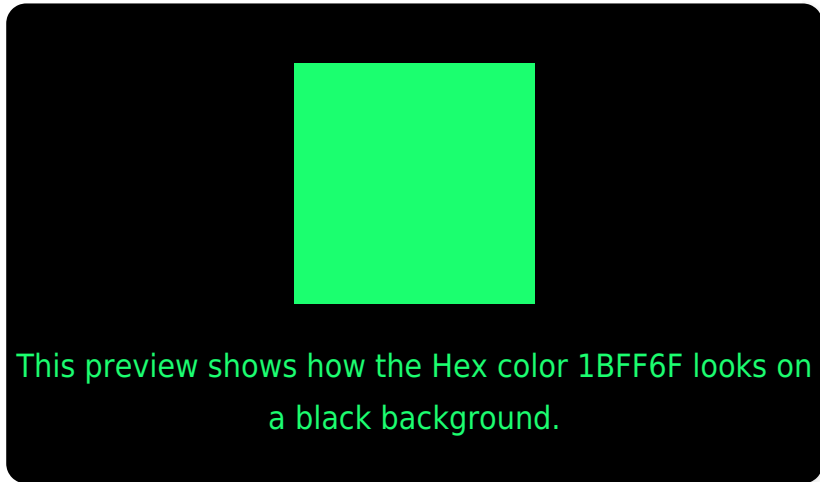
Large Text (above 18pt) WCAG AA × Fail

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 1BFF6F Background



This preview shows how black text looks on a background with the Hex color 1BFF6F.

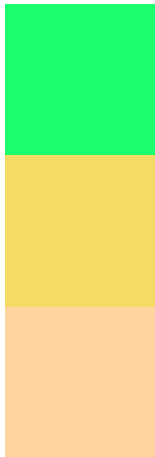


This preview shows how white text looks on a background with the Hex color 1BFF6F.

# 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](#).

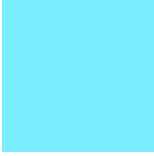
## Dichromacy



**Original Color**  
1BFF6F

**Protanopia**  
F4DC64

**Deuteranopia**  
FFD49F



**Tritanopia**  
7AEDFF

# Trichromacy



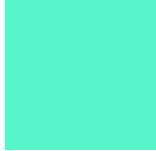
**Original Color**  
1BFF6F



**Protanomaly**  
A5E968

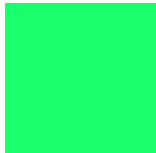


**Deuteranomaly**  
ACE48E

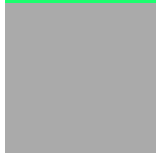


**Tritanomaly**  
57F4CB

# Monochromacy



**Original Color**  
1BFF6F



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
76C995

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BFF6F 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 #1BFF6F looks like.

```
.text, #text, p{  
    color:#1BFF6F  
}
```

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 #1BFF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BFF6F
}
```

## Border

The CSS property to change the border of an element to Hex 1BFF6F 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
#1BFF6F }
```

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

```
.border{ border-color:#1BFF6F }
```

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

Here you see how a box with a 4 pixel #1BFF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BFF6F; -webkit-box-shadow:4px 4px  
4px 4px #1BFF6F; box-shadow:4px 4px 4px  
4px #1BFF6F }
```

# Background

The CSS property to change the background color of an element to Hex 1BFF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BFF6F }
```

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

```
.background{ background-color:#1BFF6F }
```

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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