

# Converting Colors

Hex(1BFF64)

Have a look what the booklet for  
Hex(1BFF64) contains.

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# Color

Hex(1BFF64)

# Conversions

## Conversions Part 1

Format	Color
Hex	1BFF64
RGB	27, 255, 100
RGB Percent	11%, 100%, 39%
CMY	0.8941, 0.0000, 0.6078
CMYK	0.89, 0.00, 0.61, 0.00
HSL	139°, 100%, 55%
HSV	139°, 89%, 100%
XYZ	38.5122, 72.6731, 24.0541
YIQ	169.1580, -86.1330, -96.5410

# Conversions

## Conversions Part 2

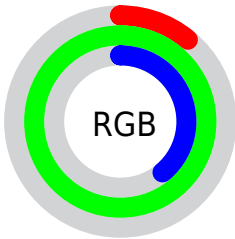
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 200, 255
Decimal	1834852
CIELab	88.29, -79.54, 58.91
CIELCh	88, 98.981, 143.476
Yxy	72.6731, 0.2848, 0.5374
Android (android.graphics.Color)	4280024932 (0xFF1BFF64)
YUV	169.1580, -34.0949, -124.6726
Hunter-Lab	85.2485, -68.5450, 42.9444

# Details

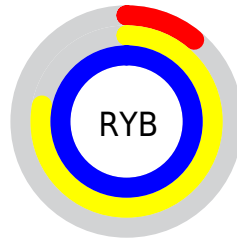
The Hex color **1BFF64** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF1BB6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7AFF9B**, and **00C42B** is the 20% darker color. If you saturate the color by 10%, you get **01FF53**, and if you desaturate by 10%, it is **34FF75**.

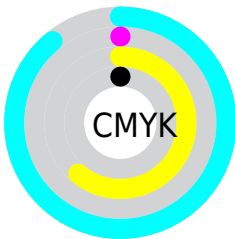
# Distribution



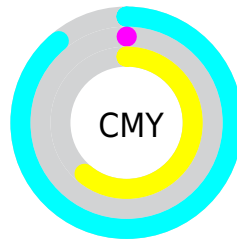
- Red (11%)
- Green (100%)
- Blue (39%)



- Red (11%)
- Yellow (78%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BFF64 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 1BFF64 by changing the saturation by 10% instead.



 1BFF64

 1BFF64

FFFFFF

 00E148

 7AFF9B

 00C42B

 9CFFB7

 00A800

 BDFFD4

 008C00

 DDFFF1

 007100

FEFFFF

 005700

 003E00

 002400

 000000

 1BFF64

 1BFF64

 01FF53

 34FF75

 00FF52

 4EFF87

 67FF98

 81FFA9

 9AFFBB

 B4FFCC

 CDFDDE

 E7FFEF

FFFFFF

# Harmonies

## Analogous

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



C1EE00



1BFF64



00FFC5

# Triad

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



1BFF64



00EFFF



FF8099

# Complementary

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



1BFF64



FF1BB6

# 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.



FF79F6



1BFF64



ADCEFF

# Square

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



1BFF64



00FFFF



FF9FFF



FFAA41

# Rectangle

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



1BFF64



00FFFF



FF9FFF



FF78B7

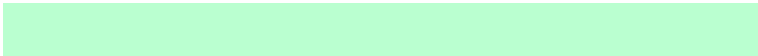


# Sweetspot

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



1BFF64



BAFFD0



B7FF1B



578064



000000



808080



# Same Dimension

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



1BFF64



00FF52



1BFFD5



738077



00BF3D



004014



# Inverse Universe

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



FF1BB6



FF00AD



FF1B45



80737B



BF0082

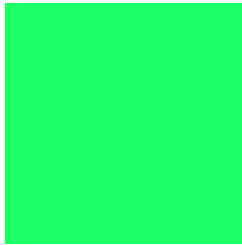


40002B



# Previews

## White Background



This preview shows how the Hex color 1BFF64 looks on a white background.

## Color Contrast Check

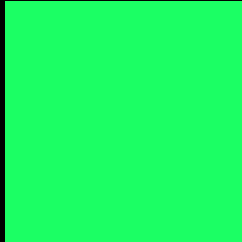
Large Text (above 18pt) WCAG AA × Fail

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 1BFF64 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 1BFF64 Background



This preview shows how black text looks on a background with the Hex color 1BFF64.

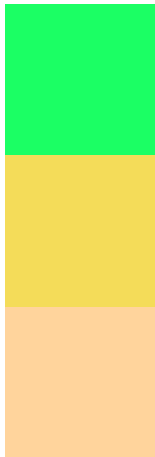


This preview shows how white text looks on a background with the Hex color 1BFF64.

# 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](#).

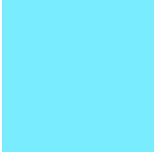
## Dichromacy



**Original Color**  
1BFF64

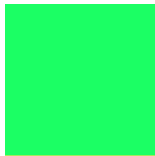
**Protanopia**  
F4DC59

**Deuteranopia**  
FFD49C



**Tritanopia**  
79EDFF

# Trichromacy



**Original Color**  
1BFF64



**Protanomaly**  
A5E95D



**Deuteranomaly**  
ACE488



**Tritanomaly**  
57F4C7

# Monochromacy



**Original Color**  
1BFF64



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
75C890

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BFF64 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 #1BFF64 looks like.

```
.text, #text, p{  
    color:#1BFF64  
}
```

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 #1BFF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BFF64
}
```

## Border

The CSS property to change the border of an element to Hex 1BFF64 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
#1BFF64 }
```

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

```
.border{ border-color:#1BFF64 }
```

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

Here you see how a box with a 4 pixel #1BFF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BFF64; -webkit-box-shadow:4px 4px  
4px 4px #1BFF64; box-shadow:4px 4px 4px  
4px #1BFF64 }
```

# Background

The CSS property to change the background color of an element to Hex 1BFF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BFF64 }
```

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

```
.background{ background-color:#1BFF64 }
```

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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