

Converting Colors

Hex(1BFF89)

Have a look what the booklet for
Hex(1BFF89) contains.

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Color

Hex(1BFF89)

Conversions

Conversions Part 1

Format	Color
Hex	1BFF89
RGB	27, 255, 137
RGB Percent	11%, 100%, 54%
CMY	0.8941, 0.0000, 0.4627
CMYK	0.89, 0.00, 0.46, 0.00
HSL	149°, 100%, 55%
HSV	149°, 89%, 100%
XYZ	40.7274, 73.5592, 35.7187
YIQ	173.3760, -98.0100, -85.0340

Conversions

Conversions Part 2

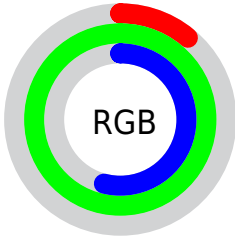
Format	Color
RYB	27, 181, 255
Decimal	1834889
CIELab	88.71, -74.40, 42.61
CIELCh	89, 85.736, 150.202
Yxy	73.5592, 0.2715, 0.4904
Android (android.graphics.Color)	4280024969 (0xFF1BFF89)
YUV	173.3760, -17.9334, -128.3718
Hunter-Lab	85.7666, -65.3287, 35.3445

Details

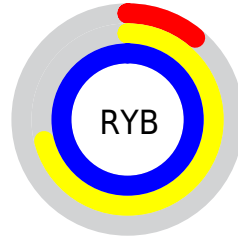
The Hex color **1BFF89** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1B91**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **79FFC0**, and **00C555** is the 20% darker color. If you saturate the color by 10%, you get **01FF7C**, and if you desaturate by 10%, it is **34FF96**.

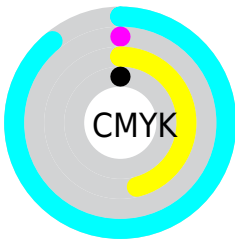
Distribution



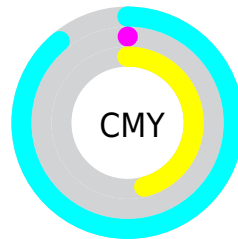
- Red (11%)
- Green (100%)
- Blue (54%)



- Red (11%)
- Yellow (71%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BFF89 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 1BFF89 by changing the saturation by 10% instead.

 1BFF89

 1BFF89

FFFFFF

 00E26F

 79FFC0

 00C555

 9BFFDC

 00A83B

 BBFF9

 008D21

 DCFFF

 007101

 FCFFF

 005700

 003E00

 002500

 000000

 1BFF89

 1BFF89

 01FF7C

 34FF96

 00FF7B

 4EFFA3

 67FFB1

 81FFBE

 9AFFCB

 B4FFD8

 CDFFE5

 E7FFF3

FFFFFF

Harmonies

Analogous

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



B5F241



1BFF89



00FFDD

Triad

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



1BFF89



00E8FF



FF9B91

Complementary

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



1BFF89



FF1B91

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.



FF8EE2



1BFF89



DEC9FF

Square

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



1BFF89



00FCFF



FFA4FF



FFBB4C

Rectangle

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



1BFF89



00FFFF



FFA4FF



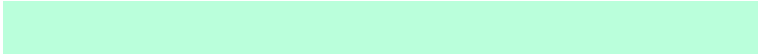
FF93AB

Sweetspot

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



1BFF89



BAFFDB



95FF1B



57806A



000000



808080

Same Dimension

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



1BFF89



00FF7B



1BFFF7



738079



00BF5C



00401F

Inverse Universe

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



FF1B91



FF0084



FF1B23



807379



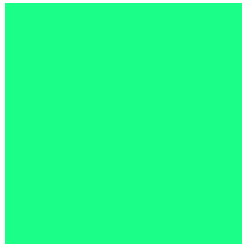
BF0063



400021

Previews

White Background



This preview shows how the Hex color 1BFF89 looks on a white background.

Color Contrast Check

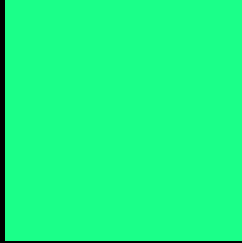
Large Text (above 18pt) WCAG AA × Fail

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 1BFF89 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 1BFF89 Background



This preview shows how black text looks on a background with the Hex color 1BFF89.

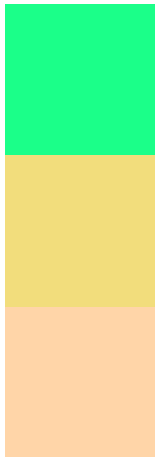


This preview shows how white text looks on a background with the Hex color 1BFF89.

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](#).

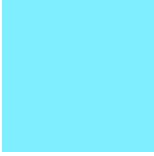
Dichromacy



Original Color
1BFF89

Protanopia
F2DD7C

Deuteranopia
FFD5A8



Tritanopia
7FEEFF

Trichromacy



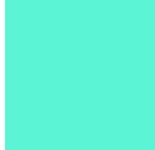
Original Color
1BFF89



Protanomaly
A4E981



Deuteranomaly
ACE49D

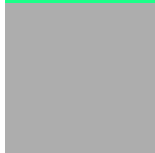


Tritanomaly
5BF4D4

Monochromacy



Original Color
1BFF89



Achromatopsia
ADADAD



Achromatomaly
78CBA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BFF89 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 #1BFF89 looks like.

```
.text, #text, p{  
    color:#1BFF89  
}
```

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 #1BFF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BFF89
}
```

Border

The CSS property to change the border of an element to Hex 1BFF89 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
#1BFF89 }
```

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

```
.border{ border-color:#1BFF89 }
```

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

Here you see how a box with a 4 pixel #1BFF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BFF89; -webkit-box-shadow:4px 4px  
4px 4px #1BFF89; box-shadow:4px 4px 4px  
4px #1BFF89 }
```

Background

The CSS property to change the background color of an element to Hex 1BFF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BFF89 }
```

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

```
.background{ background-color:#1BFF89 }
```

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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