

Converting Colors

Hex(B1FF45)

Have a look what the booklet for
Hex(B1FF45) contains.

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Color

Hex(B1FF45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1FF45 |
| RGB | 177, 255, 69 |
| RGB Percent | 69%, 100%, 27% |
| CMY | 0.3059, 0.0000, 0.7294 |
| CMYK | 0.31, 0.00, 0.73, 0.00 |
| HSL | 85°, 100%, 64% |
| HSV | 85°, 73%, 100% |
| XYZ | 54.9656, 81.2968, 18.4251 |
| YIQ | 210.4740, 13.2180, -74.3820 |

Conversions

Conversions Part 2

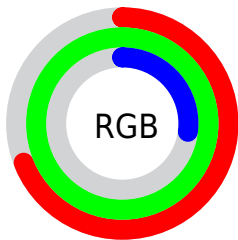
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 69, 255, 147 |
| Decimal | 11665221 |
| CIE Lab | 92.26, -50.08, 76.04 |
| CIE LCh | 92, 91.050, 123.372 |
| Yxy | 81.2968, 0.3553, 0.5256 |
| Android (android.graphics.Color) | 4289855301 (0xFFB1FF45) |
| YUV | 210.4740, -69.7467, -29.3567 |
| Hunter-Lab | 90.1647, -48.9723, 50.9995 |

Details

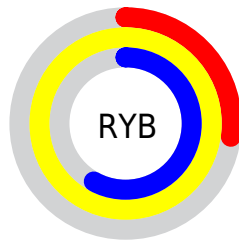
The Hex color **B1FF45** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9345FF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EDFF80**, and **76C600** is the 20% darker color. If you saturate the color by 10%, you get **A6FF2B**, and if you desaturate by 10%, it is **BCFF5E**.

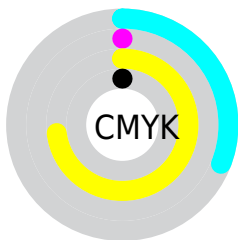
Distribution



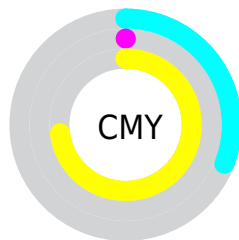
- Red (69%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (58%)



- Cyan (31%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FF45 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 B1FF45 by changing the saturation by 10% instead.

 B1FF45

FFFFFF

 EDFF80

 FFFF9D

 FFFFBA

 FFFF80

 FFFF60

 B1FF45

 93E221

 76C600

 58AA00

 398F00

 117500

 005C00

 004300

 002D00

 000F00

 B1FF45

 B1FF45

 A6FF2B

 BCFF5E

 9CFF12

 C6FF78

 94FF00

 D1FF92

 DCFFAB

 E6FFC4

 F1FFDE

 FCFFF7

FFFFFF

Harmonies

Analogous

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



FFE807



B1FF45



00FF96

Triad

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



B1FF45



00FFFF



FF91E3

Complementary

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



B1FF45



9345FF

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.



FFA5FF



B1FF45



00F0FF

Square

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



B1FF45



00FFFF



F6CDFD



FFA28D

Rectangle

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



B1FF45



00FFD2



F6CDFF



FF94FF

Sweetspot

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



B1FF45



E7FFC7



FF9345



72805E



000000



808080

Same Dimension

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



B1FF45



A1FF1F



55FF45



7A8073



6FBF00



254000

Inverse Universe

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



9345FF



7D1FFF



EF45FF



787380



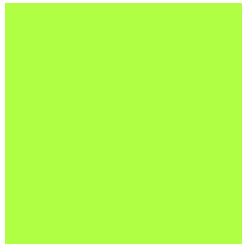
5000BF



1B0040

Previews

White Background



This preview shows how the Hex color B1FF45 looks on a white background.

Color Contrast Check

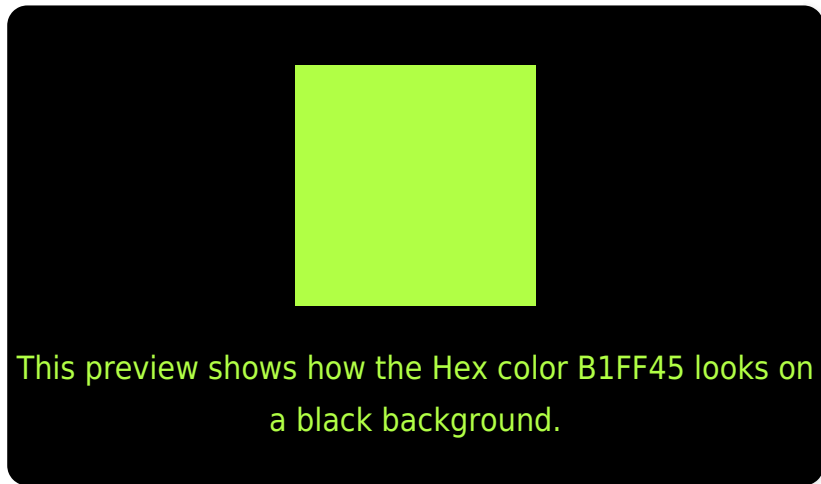
Large Text (above 18pt) WCAG AA × Fail

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 B1FF45 Background



This preview shows how black text looks on a background with the Hex color B1FF45.

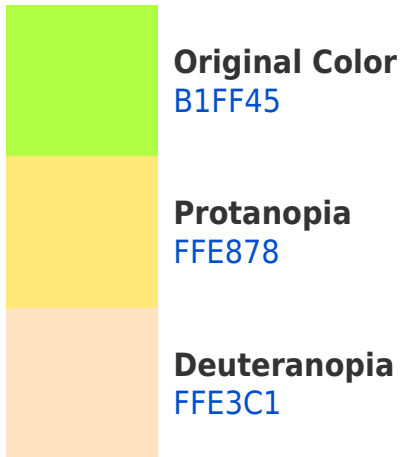


This preview shows how white text looks on a background with the Hex color B1FF45.

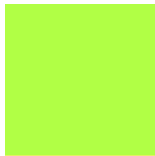
Color Blindness Simulation

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](#).

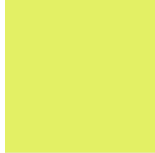
Dichromacy



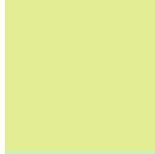
Trichromacy



Original Color
B1FF45



Protanomaly
E3F065

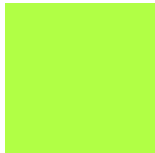


Deuteranomaly
E3ED94

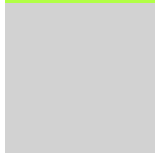


Tritanomaly
C2F4BB

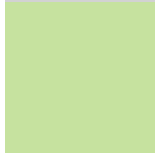
Monochromacy



Original Color
B1FF45



Achromatopsia
D2D2D2



Achromatomaly
C6E29F

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FF45 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 #B1FF45 looks like.

```
.text, #text, p{  
    color:#B1FF45  
}
```

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 #B1FF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FF45
}
```

Border

The CSS property to change the border of an element to Hex B1FF45 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
#B1FF45 }
```

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

```
.border{ border-color:#B1FF45 }
```

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

Here you see how a box with a 4 pixel #B1FF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FF45; -webkit-box-shadow:4px 4px  
4px 4px #B1FF45; box-shadow:4px 4px 4px  
4px #B1FF45 }
```

Background

The CSS property to change the background color of an element to Hex B1FF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FF45 }
```

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

```
.background{ background-color:#B1FF45 }
```

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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