

Converting Colors

Hex(B1FF00)

Have a look what the booklet for
Hex(B1FF00) contains.

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Color

Hex(B1FF00)

Conversions

Conversions Part 1

Format	Color
Hex	B1FF00
RGB	177, 255, 0
RGB Percent	69%, 100%, 0%
CMY	0.3059, 0.0000, 1.0000
CMYK	0.31, 0.00, 1.00, 0.00
HSL	78°, 100%, 50%
HSV	78°, 100%, 100%
XYZ	53.8915, 80.8671, 12.7685
YIQ	202.6080, 35.3670, -95.8410

Conversions

Conversions Part 2

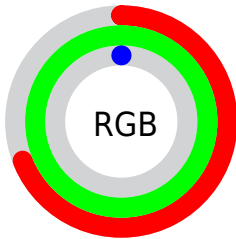
Format	Color
RYB	0, 255, 78
Decimal	11665152
CIELab	92.07, -51.99, 88.44
CIELCh	92, 102.588, 120.451
Yxy	80.8671, 0.3653, 0.5482
Android (android.graphics.Color)	4289855232 (0xFFB1FF00)
YUV	202.6080, -99.8857, -22.4582
Hunter-Lab	89.9261, -50.3982, 54.5298

Details

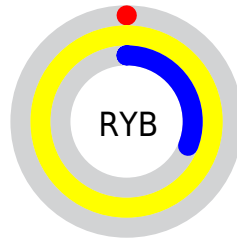
The Hex color **B1FF00** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4E00FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EEFF5E**, and **75C600** is the 20% darker color. If you saturate the color by 10%, you get **B1FF00**, and if you desaturate by 10%, it is **B9FF19**.

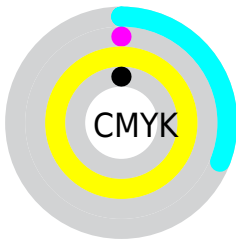
Distribution



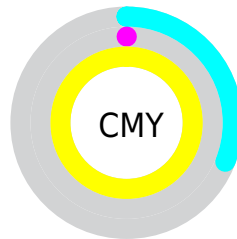
- Red (69%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (31%)



- Cyan (31%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FF00 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 B1FF00 by changing the saturation by 10% instead.

 B1FF00

 B1FF00

FFFFFF

 93E200

 EEFF5E

 75C600

 FFFF7D

 56AA00

 FFFF9B

 358F00

 FFFFB9

 007500

 FFFFD7

 005C00

 FFFFF6

 004300

 002D00

 000E00

 B1FF00

 B9FF19

 C1FF33

 C8FF4D

 D0FF66

 D8FF80

 E0FF99

 E8FFB3

 EFFFCC

 F7FFE6

Harmonies

Analogous

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



FFE400



B1FF00



00FF80

Triad

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



B1FF00



00FFFF



FF7CEB

Complementary

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



B1FF00



4E00FF

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.



FF9CFF



B1FF00



00F4FF

Square

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



B1FF00



00FFFF



E3CDFE



FF8F8A

Rectangle

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



B1FF00



00FFC4



E3CDFF



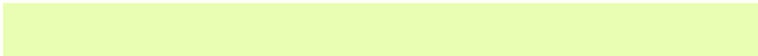
FF82FF

Sweetspot

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



B1FF00



E8FFB3



FF4D00



718052



000000



808080

Same Dimension

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



B1FF00



33FF00



7C8073



85BF00



2C4000

Inverse Universe

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



4E00FF



CC00FF



777380



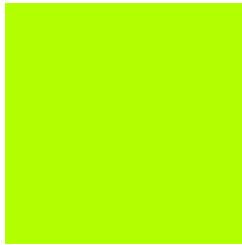
3A00BF



130040

Previews

White Background



This preview shows how the Hex color B1FF00 looks on a white background.

Color Contrast Check

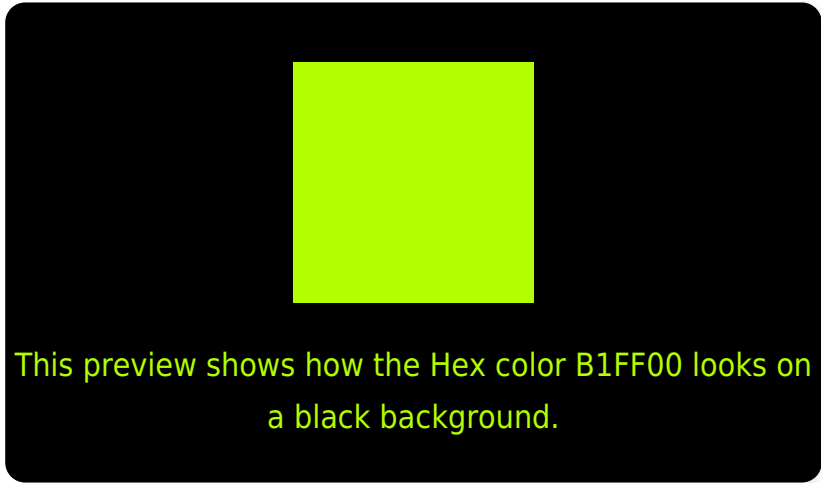
Large Text (above 18pt) WCAG AA × Fail

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 B1FF00 Background



This preview shows how black text looks on a background with the Hex color B1FF00.

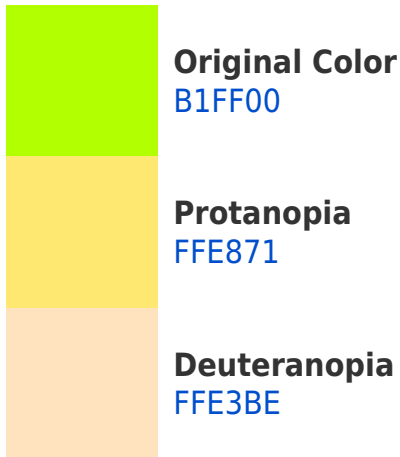


This preview shows how white text looks on a background with the Hex color B1FF00.

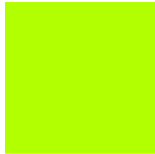
Color Blindness Simulation

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](#).

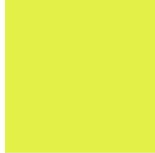
Dichromacy



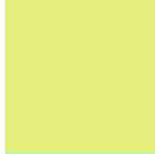
Trichromacy



Original Color
B1FF00



Protanomaly
E3F048



Deuteranomaly
E3ED79

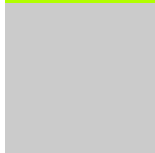


Tritanomaly
C2F4A2

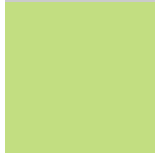
Monochromacy



Original Color
B1FF00



Achromatopsia
CBCBCB



Achromatomaly
C2DE81

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FF00 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 #B1FF00 looks like.

```
.text, #text, p{  
    color:#B1FF00  
}
```

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 #B1FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FF00
}
```

Border

The CSS property to change the border of an element to Hex B1FF00 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
#B1FF00 }
```

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

```
.border{ border-color:#B1FF00 }
```

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

Here you see how a box with a 4 pixel #B1FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FF00; -webkit-box-shadow:4px 4px  
4px 4px #B1FF00; box-shadow:4px 4px 4px  
4px #B1FF00 }
```

Background

The CSS property to change the background color of an element to Hex B1FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FF00 }
```

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

```
.background{ background-color:#B1FF00 }
```

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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