

Converting Colors

Hex(B0FF66)

Have a look what the booklet for
Hex(B0FF66) contains.

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Color

Hex(B0FF66)

Conversions

Conversions Part 1

Format	Color
Hex	B0FF66
RGB	176, 255, 102
RGB Percent	69%, 100%, 40%
CMY	0.3098, 0.0000, 0.6000
CMYK	0.31, 0.00, 0.60, 0.00
HSL	91°, 100%, 70%
HSV	91°, 60%, 100%
XYZ	56.0628, 81.7094, 25.3871
YIQ	213.9370, 2.0290, -64.3310

Conversions

Conversions Part 2

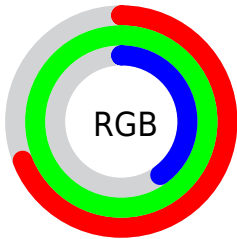
Format	Color
RYB	102, 255, 181
Decimal	11599718
CIELab	92.45, -48.12, 63.88
CIELCh	92, 79.975, 126.990
Yxy	81.7094, 0.3436, 0.5008
Android (android.graphics.Color)	4289789798 (0xFFB0FF66)
YUV	213.9370, -55.1849, -33.2707
Hunter-Lab	90.3933, -47.4808, 46.6236

Details

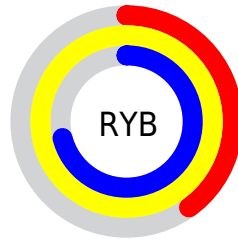
The Hex color **B0FF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **B566FF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EBFF9E**, and **76C62C** is the 20% darker color. If you saturate the color by 10%, you get **A3FF4D**, and if you desaturate by 10%, it is **BDFF80**.

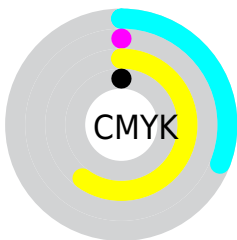
Distribution



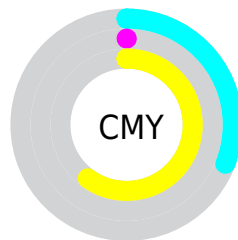
- Red (69%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FF66 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 B0FF66 by changing the saturation by 10% instead.

 B0FF66

 B0FF66

FFFFFF

 93E24A

 EBFF9E

 76C62C

 FFFFBA

 59AA00

 FFFFD7

 3B8F00

 FFFFF4

 177500

 005C00

 004300

 002D00

 001000

 B0FF66

 B0FF66

 A3FF4D

 BDFF80

 96FF33

 CAFF99

 89FF19

 D8FFB3

 7BFF00

 E5FFCC

 F2FFE6

FFFFFF

Harmonies

Analogous

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



FFEB41



B0FF66



00FFAA

Triad

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



B0FF66



00FFFF



FFA2DA

Complementary

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



B0FF66



B566FF

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.



FFAEFF



B0FF66



68ECFF

Square

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



B0FF66



00FFFF



FFCDDF



FFB291

Rectangle

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



`B0FF66`



`00FFDF`



`FFCDDF`



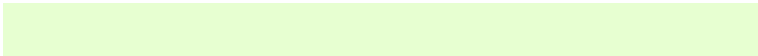
`FFA3F4`

Sweetspot

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



B0FF66



E7FFD1



FFB366



718063



000000



808080

Same Dimension

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



B0FF66



A0FF47



66FF66



798073



5DBF00



1F4000

Inverse Universe

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



B566FF



A647FF



FF66FF



797380



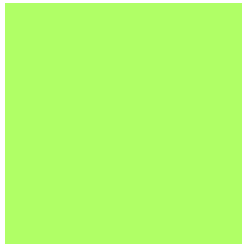
6300BF



210040

Previews

White Background



This preview shows how the Hex color B0FF66 looks on a white background.

Color Contrast Check

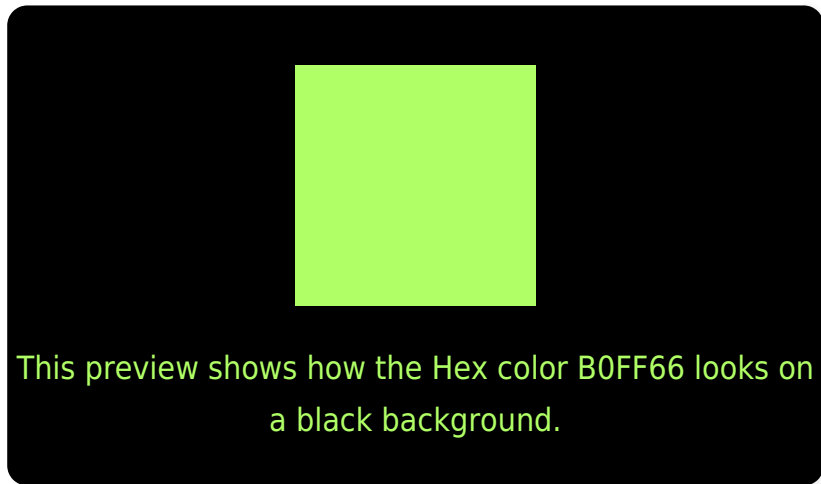
Large Text (above 18pt) WCAG AA × Fail

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 B0FF66 Background



This preview shows how black text looks on a background with the Hex color B0FF66.

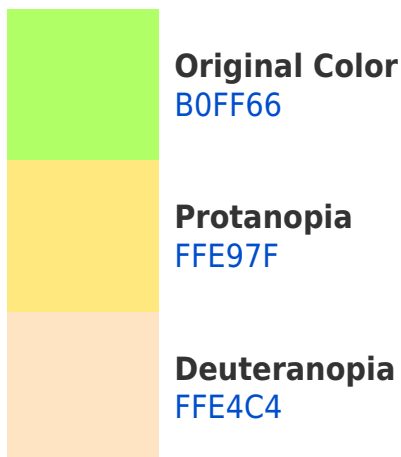


This preview shows how white text looks on a background with the Hex color B0FF66.

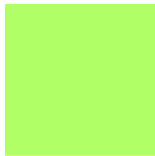
Color Blindness Simulation

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](#).

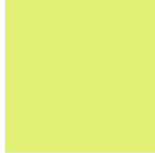
Dichromacy



Trichromacy



Original Color
B0FF66



Protanomaly
E2F176

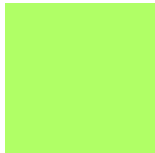


Deuteranomaly
E2EEA2

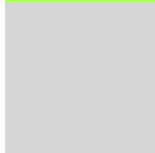


Tritanomaly
C1F4C7

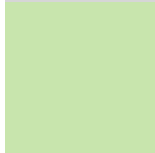
Monochromacy



Original Color
B0FF66



Achromatopsia
D6D6D6



Achromatomaly
C8E5AD

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FF66 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 #B0FF66 looks like.

```
.text, #text, p{  
    color:#B0FF66  
}
```

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 #B0FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FF66
}
```

Border

The CSS property to change the border of an element to Hex B0FF66 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
#B0FF66 }
```

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

```
.border{ border-color:#B0FF66 }
```

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

Here you see how a box with a 4 pixel #B0FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FF66; -webkit-box-shadow:4px 4px  
4px 4px #B0FF66; box-shadow:4px 4px 4px  
4px #B0FF66 }
```

Background

The CSS property to change the background color of an element to Hex B0FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FF66 }
```

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

```
.background{ background-color:#B0FF66 }
```

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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