

# Converting Colors

Hex(B0FF06)

Have a look what the booklet for  
Hex(B0FF06) contains.

<b>Hex(B0FF06)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B0FF06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0FF06
RGB	176, 255, 6
RGB Percent	69%, 100%, 2%
CMY	0.3098, 0.0000, 0.9765
CMYK	0.31, 0.00, 0.98, 0.00
HSL	79°, 100%, 51%
HSV	79°, 98%, 100%
XYZ	53.6974, 80.7633, 12.9310
YIQ	202.9930, 32.8450, -94.1870

# Conversions

## Conversions Part 2

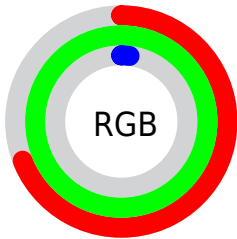
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 255, 85
Decimal	11599622
CIELab	92.03, -52.29, 87.94
CIELCh	92, 102.315, 120.735
Yxy	80.7633, 0.3643, 0.5480
Android (android.graphics.Color)	4289789702 (0xFFB0FF06)
YUV	202.9930, -97.1175, -23.6729
Hunter-Lab	89.8684, -50.6139, 54.3767

# Details

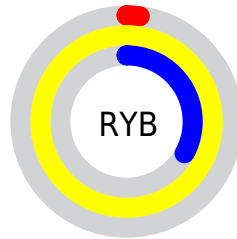
The Hex color **B0FF06** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **5506FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EDFF5F**, and **74C600** is the 20% darker color. If you saturate the color by 10%, you get **AEFF00**, and if you desaturate by 10%, it is **B8FF20**.

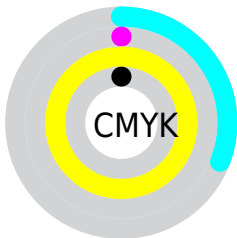
# Distribution



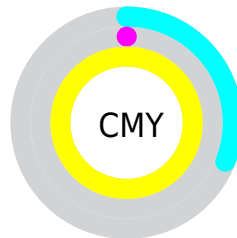
- Red (69%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (33%)



- Cyan (31%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0FF06 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 B0FF06 by changing the saturation by 10% instead.



 B0FF06

 B0FF06

FFFFFF

 92E200

 EDFF5F

 74C600

 FFFF7E

 55AA00

 FFFF9C

 348F00

 FFFFBA

 007500

 FFFFD8

 005C00

 FFFFF7

 004300

 002D00

 000E00

 B0FF06

 B0FF06

 A EFF00

 B8FF20

 C0FF39

 C8FF53

 D0FF6C

 D8FF86

 E1FF9F

 E9FFB9

 F1FFD2

 F9FFEC

# Harmonies

## Analogous

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



FFE500



B0FF06



00FF82

# Triad

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



B0FF06



00FFFF



FF7CEA

# Complementary

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



B0FF06



5506FF

# 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



B0FF06



00F4FF

# Square

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



B0FF06



00FFFF



E5CDFE



FF908A

# Rectangle

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



B0FF06



00FFC5



E5CDFF



FF82FF



# Sweetspot

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



B0FF06



E8FFB5



FF5506



718053



000000



808080



# Same Dimension

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



B0FF06



AEFF00



34FF06



7B8073



83BF00



2C4000



# Inverse Universe

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



5506FF



5100FF



D106FF



777380



3D00BF



140040



# Previews

## White Background



This preview shows how the Hex color B0FF06 looks on a white background.

## Color Contrast Check

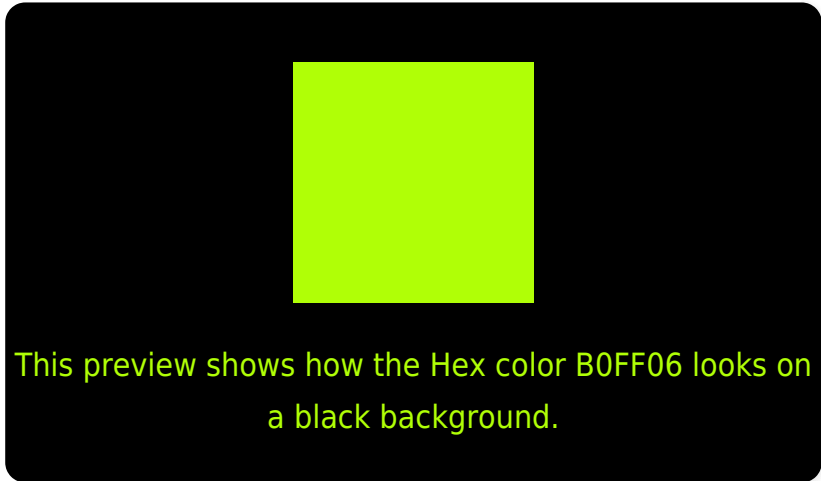
Large Text (above 18pt) WCAG AA × Fail

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 B0FF06 Background



This preview shows how black text looks on a background with the Hex color B0FF06.

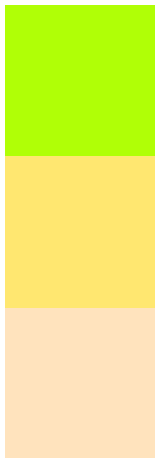


This preview shows how white text looks on a background with the Hex color B0FF06.

# 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



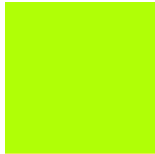
**Original Color**  
B0FF06

**Protanopia**  
FFE770

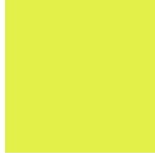
**Deuteranopia**  
FFE3BD



# Trichromacy



**Original Color**  
B0FF06



**Protanomaly**  
E2F049



**Deuteranomaly**  
E2ED7A

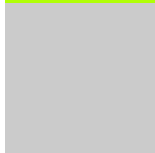


**Tritanomaly**  
C1F4A4

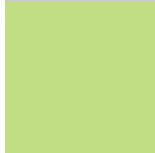
# Monochromacy



**Original Color**  
B0FF06



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
C1DE83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0FF06 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 #B0FF06 looks like.

```
.text, #text, p{  
    color:#B0FF06  
}
```

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 #B0FF06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FF06
}
```

## Border

The CSS property to change the border of an element to Hex B0FF06 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
#B0FF06 }
```

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

```
.border{ border-color:#B0FF06 }
```

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

Here you see how a box with a 4 pixel #B0FF06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FF06; -webkit-box-shadow:4px 4px  
4px 4px #B0FF06; box-shadow:4px 4px 4px  
4px #B0FF06 }
```

# Background

The CSS property to change the background color of an element to Hex B0FF06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FF06 }
```

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

```
.background{ background-color:#B0FF06 }
```

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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