

# Converting Colors

Hex(B5FF05)

Have a look what the booklet for  
Hex(B5FF05) contains.

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**Color**

**Hex(B5FF05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5FF05
RGB	181, 255, 5
RGB Percent	71%, 100%, 2%
CMY	0.2902, 0.0000, 0.9804
CMYK	0.29, 0.00, 0.98, 0.00
HSL	78°, 100%, 51%
HSV	78°, 98%, 100%
XYZ	54.8434, 81.3547, 12.9561
YIQ	204.3740, 36.1460, -93.4380

# Conversions

## Conversions Part 2

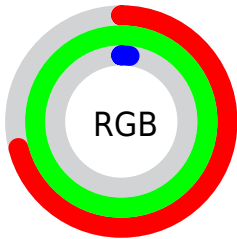
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 255, 79
Decimal	11927301
CIELab	92.29, -50.50, 88.33
CIELCh	92, 101.753, 119.758
Yxy	81.3547, 0.3677, 0.5454
Android (android.graphics.Color)	4290117381 (0xFFB5FF05)
YUV	204.3740, -98.2914, -20.4990
Hunter-Lab	90.1968, -49.3090, 54.6213

# Details

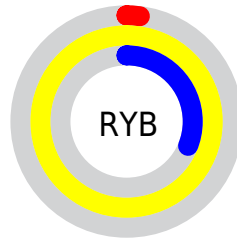
The Hex color **B5FF05** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4F05FF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F2FF5F**, and **79C600** is the 20% darker color. If you saturate the color by 10%, you get **B4FF00**, and if you desaturate by 10%, it is **BDFF1F**.

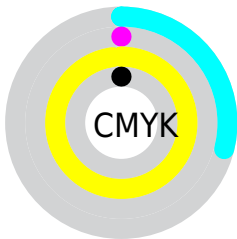
# Distribution



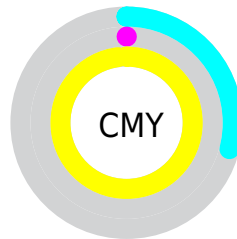
- Red (71%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (31%)



- Cyan (29%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5FF05 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 B5FF05 by changing the saturation by 10% instead.



 B5FF05

 B5FF05

FFFFFF

 97E200

 F2FF5F

 79C600

 FFFF7E

 5AAA00

 FFFF9C

 3A8F00

 FFFFBA

 0E7500

 FFFFD8

 005C00

 FFFFF7

 004300

 002D00

 000F00

 B5FF05

 B5FF05

 B4FF00

 BDFF1F

 C4FF38

 CCFF52

 D3FF6B

 DBFF85

 E2FF9E

 EAFFB8

 F1FFD1

 F9FFEB

# Harmonies

## Analogous

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



FFE400



B5FF05



00FF80

# Triad

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



B5FF05



00FFFF



FF7EEE

# Complementary

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



B5FF05



4F05FF

# 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.



FF9FFF



B5FF05



00F5FF

# Square

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



B5FF05



00FFFF



E0CFFF



FF908E

# Rectangle

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



B5FF05



00FFC3



E0CFFF



FF84FF



# Sweetspot

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



B5FF05



E9FFB5



FF4C05



728053



000000



808080



# Same Dimension

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



B5FF05



B4FF00



3BFF05



7C8073



87BF00



2D4000



# Inverse Universe

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



4F05FF



4B00FF



C905FF



777380



3900BF

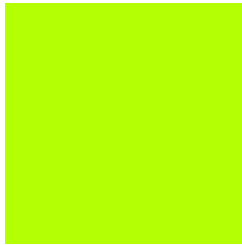


130040



# Previews

## White Background



This preview shows how the Hex color B5FF05 looks on a white background.

## Color Contrast Check

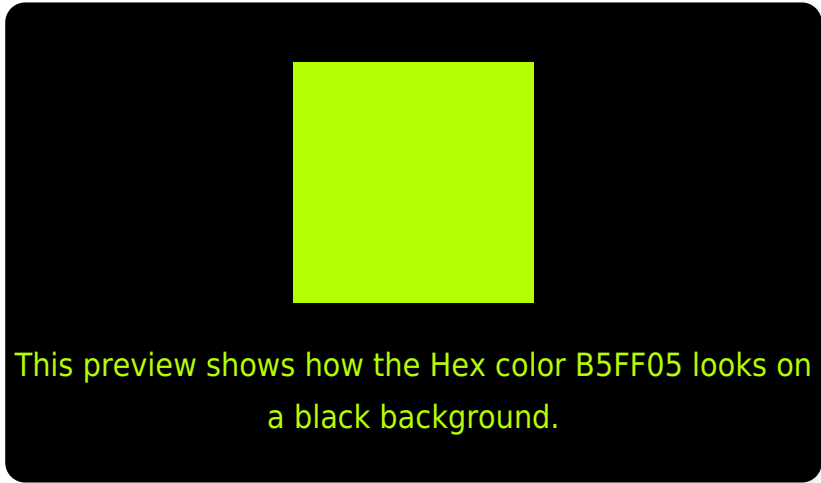
Large Text (above 18pt) WCAG AA × Fail

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 B5FF05 Background



This preview shows how black text looks on a background with the Hex color B5FF05.

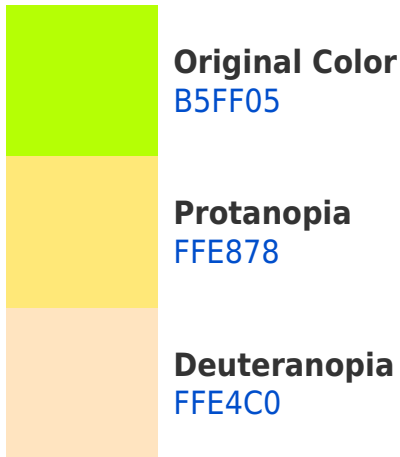


This preview shows how white text looks on a background with the Hex color B5FF05.

# Color Blindness Simulation

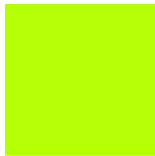
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

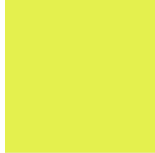




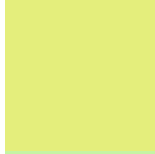
# Trichromacy



**Original Color**  
B5FF05



**Protanomaly**  
E4F04E



**Deuteranomaly**  
E4EE7C

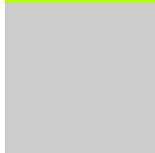


**Tritanomaly**  
C5F4A4

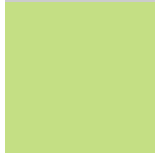
# Monochromacy



**Original Color**  
B5FF05



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
C4DF84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5FF05 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 #B5FF05 looks like.

```
.text, #text, p{  
    color:#B5FF05  
}
```

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 #B5FF05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5FF05
}
```

## Border

The CSS property to change the border of an element to Hex B5FF05 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
#B5FF05 }
```

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

```
.border{ border-color:#B5FF05 }
```

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

Here you see how a box with a 4 pixel #B5FF05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5FF05; -webkit-box-shadow:4px 4px  
4px 4px #B5FF05; box-shadow:4px 4px 4px  
4px #B5FF05 }
```

# Background

The CSS property to change the background color of an element to Hex B5FF05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5FF05 }
```

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

```
.background{ background-color:#B5FF05 }
```

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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