

# Converting Colors

Hex(B9FC03)

Have a look what the booklet for  
Hex(B9FC03) contains.

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**Color**

**Hex(B9FC03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9FC03
RGB	185, 252, 3
RGB Percent	73%, 99%, 1%
CMY	0.2745, 0.0118, 0.9882
CMYK	0.27, 0.00, 0.99, 0.01
HSL	76°, 98%, 50%
HSV	76°, 99%, 99%
XYZ	54.8344, 79.9417, 12.6264
YIQ	203.5810, 39.9970, -91.6430

# Conversions

## Conversions Part 2

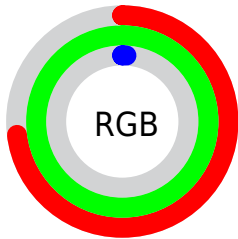
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 252, 70
Decimal	12188675
CIE Lab	91.66, -47.81, 88.09
CIE LCh	92, 100.226, 118.490
Yxy	79.9417, 0.3720, 0.5423
Android (android.graphics.Color)	4290378755 (0xFFB9FC03)
YUV	203.5810, -98.8864, -16.2955
Hunter-Lab	89.4101, -46.9952, 54.2142

# Details

The Hex color **B9FC03** 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 **4603FC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F6FF5E**, and **7DC300** is the 20% darker color. If you saturate the color by 10%, you get **B8FC00**, and if you desaturate by 10%, it is **C0FC1C**.

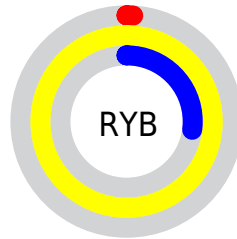
# Distribution



Red (73%)

Green (99%)

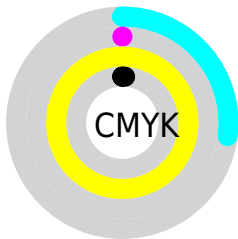
Blue (1%)



Red (1%)

Yellow (99%)

Blue (27%)

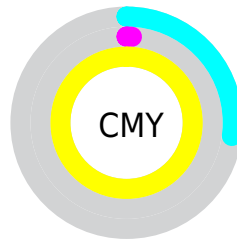


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (27%)

Magenta (1%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9FC03 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 B9FC03 by changing the saturation by 10% instead.



 B9FC03

 B9FC03

FFFFFF

 9BDF00

 F6FF5E

 7DC300

 FFFF7D

 5FA800

 FFFF9B

 408D00

 FFFFB9

 1A7300

 FFFFD7

 005A00

 FFFFF6

 004100

 002C00

 000B00

 B9FC03

 B9FC03

 B8FC00

 C0FC1C

 C7FC35

 CDFC4F

 D4FC68

 DBFC81

 E2FC9A

 E8FCB3

 EFFCCD

 F6FCE6

# Harmonies

## Analogous

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



FFE100



B9FC03



00FF7C

# Triad

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



B9FC03



00FFFF



FF7FF0

# Complementary

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



B9FC03



4603FC

# 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.



FFA0FF



B9FC03



00F4FF

# Square

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



B9FC03



00FFFF



D8D0FF



FF8F91

# Rectangle

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



B9FC03



00FFBD



D8D0FF



FF86FF



# Sweetspot

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



B9FC03



EAFFB3



FC4503



738052



000000



808080



# Same Dimension

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



B9FC03



BAFF00



3DFC03



7A7D70



8ABD00



2D3D00



# Inverse Universe

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



4603FC



4500FF



C203FC



74707D



3300BD

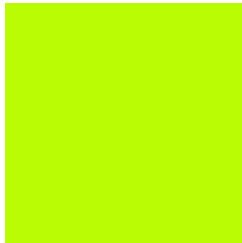


10003D



# Previews

## White Background



This preview shows how the Hex color B9FC03 looks on a white background.

## Color Contrast Check

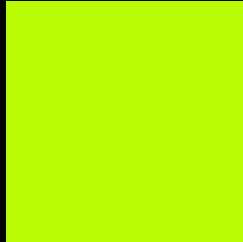
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B9FC03 looks on a 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 B9FC03 Background



This preview shows how black text looks on a background with the Hex color B9FC03.

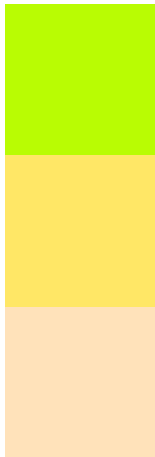


This preview shows how white text looks on a background with the Hex color B9FC03.

# 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



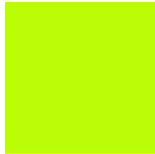
**Original Color**  
B9FC03

**Protanopia**  
FFE766

**Deuteranopia**  
FFE2BA



# Trichromacy



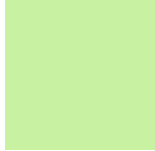
**Original Color**  
B9FC03



**Protanomaly**  
E6EF42

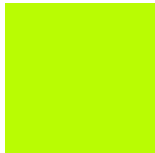


**Deuteranomaly**  
E6EB77

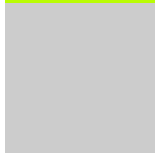


**Tritanomaly**  
C8F1A2

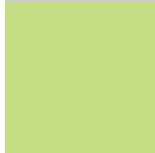
# Monochromacy



**Original Color**  
B9FC03



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
C5DD83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9FC03 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 #B9FC03 looks like.

```
.text, #text, p{  
    color:#B9FC03  
}
```

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 #B9FC03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FC03
}
```

## Border

The CSS property to change the border of an element to Hex B9FC03 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
#B9FC03 }
```

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

```
.border{ border-color:#B9FC03 }
```

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

Here you see how a box with a 4 pixel #B9FC03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FC03; -webkit-box-shadow:4px 4px  
4px 4px #B9FC03; box-shadow:4px 4px 4px  
4px #B9FC03 }
```

# Background

The CSS property to change the background color of an element to Hex B9FC03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FC03 }
```

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

```
.background{ background-color:#B9FC03 }
```

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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