

# Converting Colors

Hex(B9FE01)

Have a look what the booklet for  
Hex(B9FE01) contains.

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**Color**

**Hex(B9FE01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9FE01
RGB	185, 254, 1
RGB Percent	73%, 100%, 0%
CMY	0.2745, 0.0039, 0.9961
CMYK	0.27, 0.00, 1.00, 0.00
HSL	76°, 99%, 50%
HSV	76°, 100%, 100%
XYZ	55.4549, 81.2001, 12.7791
YIQ	204.5270, 40.0890, -93.3110

# Conversions

## Conversions Part 2

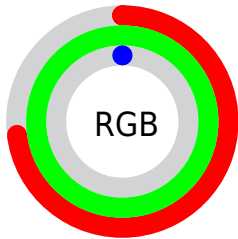
Format	Color
<a href="#">RYB</a>	1, 254, 70
Decimal	12189185
CIELab	92.22, -48.67, 88.67
CIElCh	92, 101.144, 118.761
Yxy	81.2001, 0.3711, 0.5434
Android (android.graphics.Color)	4290379265 (0xFFB9FE01)
YUV	204.5270, -100.3388, -17.1252
Hunter-Lab	90.1111, -47.8445, 54.6695

# Details

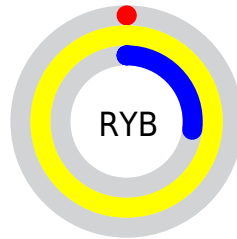
The Hex color **B9FE01** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4601FE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F6FF5E**, and **7DC500** is the 20% darker color. If you saturate the color by 10%, you get **B9FE00**, and if you desaturate by 10%, it is **C0FE1A**.

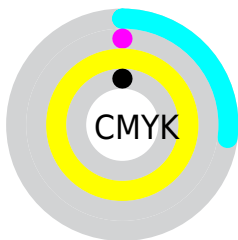
# Distribution



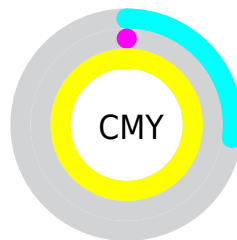
- Red (73%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (27%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9FE01 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 B9FE01 by changing the saturation by 10% instead.



 B9FE01

 B9FE01

FFFFFF

 9BE100

 F6FF5E

 7DC500

 FFFF7D

 5FA900

 FFFF9C

 408F00

 FFFFB9

 197400

 FFFFD8

 005B00

 FFFFF6

 004300

 002D00

 000F00

 B9FE01

 B9FE01

 B9FE00

 C0FE1A

 C7FE34

 CEFE4D

 D5FE67

 DCFE80

 E3FE99

 E9FEB3

 F0FECC

 F7FEE6

# Harmonies

## Analogous

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



FFE300



B9FE01



00FF7D

# Triad

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



B9FE01



00FFFF



FF7FF1

# Complementary

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



B9FE01



4601FE

# 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.



FFA1FF



B9FE01



00F6FF

# Square

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



B9FE01



00FFFF



DBD0FF



FF9091

# Rectangle

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



B9FE01



00FFBF



DBD0FF



FF86FF



# Sweetspot

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



B9FE01



EAFFB3



FE4401



738052



000000



808080



# Same Dimension

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



B9FE01



B9FF00



3CFE01



7C8073



8BBF00



2E4000



# Inverse Universe

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



4601FE



4600FF



C301FE



767380



3400BF

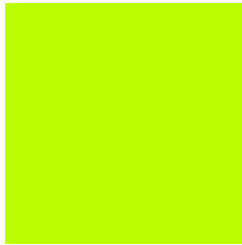


110040



# Previews

## White Background



This preview shows how the Hex color B9FE01 looks on a white background.

## Color Contrast Check

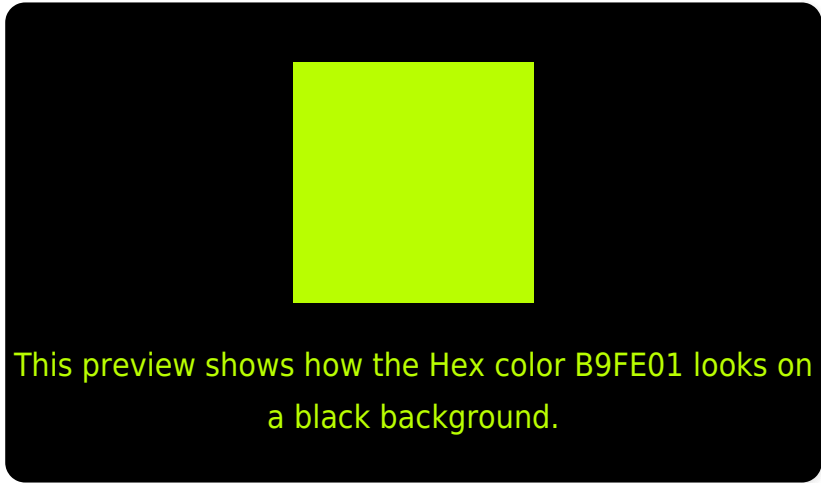
Large Text (above 18pt) WCAG AA × Fail

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 B9FE01 Background



This preview shows how black text looks on a background with the Hex color B9FE01.

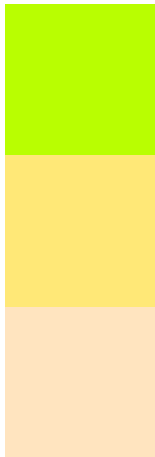


This preview shows how white text looks on a background with the Hex color B9FE01.

# 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



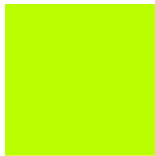
**Original Color**  
B9FE01

**Protanopia**  
FFE877

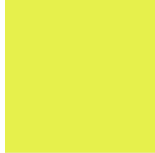
**Deuteranopia**  
FFE4BF



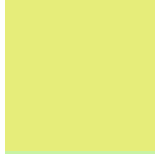
# Trichromacy



**Original Color**  
B9FE01



**Protanomaly**  
E6F04C

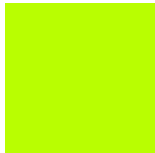


**Deuteranomaly**  
E6ED7A

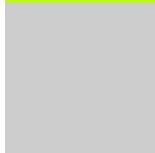


**Tritanomaly**  
C8F3A3

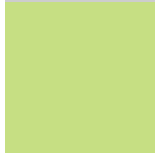
# Monochromacy



**Original Color**  
B9FE01



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
C6DF83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9FE01 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 #B9FE01 looks like.

```
.text, #text, p{  
    color:#B9FE01  
}
```

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 #B9FE01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FE01
}
```

## Border

The CSS property to change the border of an element to Hex B9FE01 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
#B9FE01 }
```

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

```
.border{ border-color:#B9FE01 }
```

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

Here you see how a box with a 4 pixel #B9FE01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FE01; -webkit-box-shadow:4px 4px  
4px 4px #B9FE01; box-shadow:4px 4px 4px  
4px #B9FE01 }
```

# Background

The CSS property to change the background color of an element to Hex B9FE01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FE01 }
```

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

```
.background{ background-color:#B9FE01 }
```

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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