

# Converting Colors

Hex(B4FF4E)

Have a look what the booklet for  
Hex(B4FF4E) contains.

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# Color

Hex(**B4FF4E**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B4FF4E
RGB	180, 255, 78
RGB Percent	71%, 100%, 31%
CMY	0.2941, 0.0000, 0.6941
CMYK	0.29, 0.00, 0.69, 0.00
HSL	85°, 100%, 65%
HSV	85°, 69%, 100%
XYZ	55.9575, 81.7734, 20.0423
YIQ	212.3970, 12.1170, -70.9470

# Conversions

## Conversions Part 2

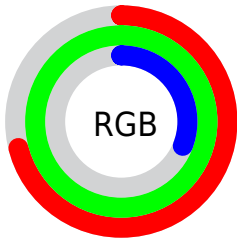
Format	Color
<a href="#">RYB</a>	<a href="#">78, 255, 153</a>
Decimal	<a href="#">11861838</a>
CIELab	<a href="#">92.47, -48.50, 73.26</a>
CIElCh	<a href="#">92, 87.858, 123.509</a>
Yxy	<a href="#">81.7734, 0.3547, 0.5183</a>
Android (android.graphics.Color)	<a href="#">4290051918 (0xFFB4FF4E)</a>
YUV	<a href="#">212.3970, -66.2577, -28.4122</a>
Hunter-Lab	<a href="#">90.4286, -47.7937, 50.1592</a>

# Details

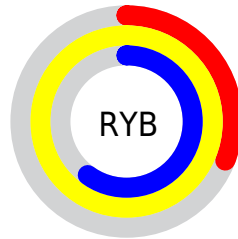
The Hex color **B4FF4E** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **994EFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F0FF88**, and **79C600** is the 20% darker color. If you saturate the color by 10%, you get **A9FF35**, and if you desaturate by 10%, it is **BFFF68**.

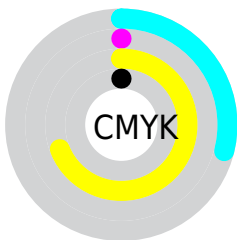
# Distribution



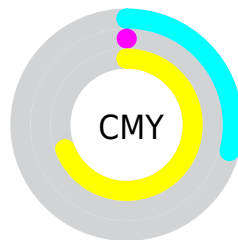
- Red (71%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4FF4E 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 B4FF4E by changing the saturation by 10% instead.



 B4FF4E

 B4FF4E

FFFFFF

 97E22E

 F0FF88

 79C600

 FFFFA5

 5CAA00

 FFFFC2

 3E8F00

 FFFFDF

 1B7500

FFFFFFD

 005C00

 004300

 002D00

 001000

 B4FF4E

 B4FF4E

 A9FF35

 BFFF68

 9EFF1B

 CAFF81

 94FF02

 D4FF9B

 93FF00

 DFFFB4

 EAFFCE

 F5FFE7

FFFFFF

# Harmonies

## Analogous

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



FFE922



B4FF4E



00FF9A

# Triad

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



B4FF4E



00FFFF



FF96E3

# Complementary

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



B4FF4E



994EFF

# 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.



FFA9FF



B4FF4E



00F0FF

# Square

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



B4FF4E



00FFFF



F7CFFF



FFA691

# Rectangle

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



B4FF4E



00FFD4



F7CFFF



FF99FF

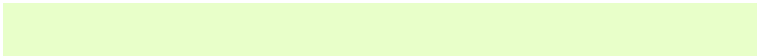


# Sweetspot

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



B4FF4E



E8FFC9



FF984E



728060



000000



808080



# Same Dimension

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



B4FF4E



A5FF2B



5DFF4E



7A8073



6EBF00



254000



# Inverse Universe

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



994EFF



852BFF



F04EFF



787380



5100BF

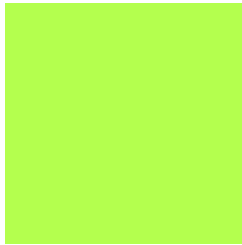


1B0040



# Previews

## White Background



This preview shows how the Hex color B4FF4E looks on a white background.

## Color Contrast Check

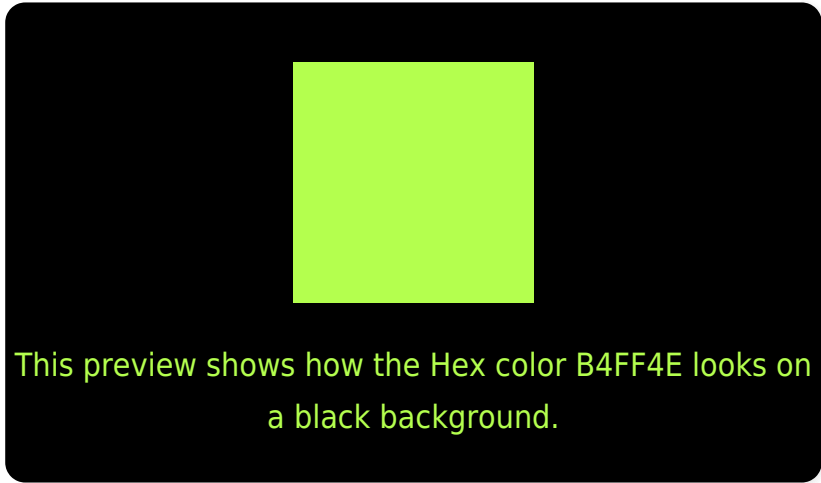
Large Text (above 18pt) WCAG AA × Fail

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

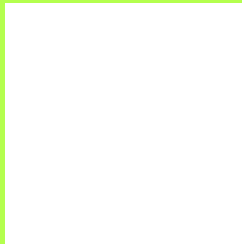
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4FF4E Background



This preview shows how black text looks on a background with the Hex color B4FF4E.

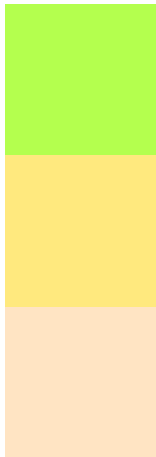


This preview shows how white text looks on a background with the Hex color B4FF4E.

# 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**  
B4FF4E

**Protanopia**  
FFE97E

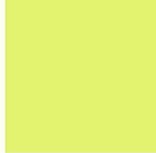
**Deuteranopia**  
FFE4C3



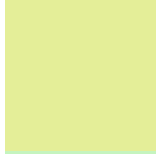
# Trichromacy



**Original Color**  
B4FF4E



**Protanomaly**  
E4F16D

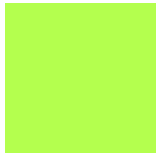


**Deuteranomaly**  
E4EE98

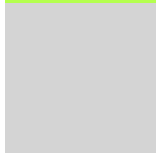


**Tritanomaly**  
C5F4BF

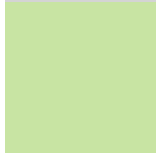
# Monochromacy



**Original Color**  
B4FF4E



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C8E4A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4FF4E 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 #B4FF4E looks like.

```
.text, #text, p{  
    color:#B4FF4E  
}
```

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 #B4FF4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4FF4E
}
```

## Border

The CSS property to change the border of an element to Hex B4FF4E 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
#B4FF4E }
```

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

```
.border{ border-color:#B4FF4E }
```

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

Here you see how a box with a 4 pixel #B4FF4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4FF4E; -webkit-box-shadow:4px 4px  
4px 4px #B4FF4E; box-shadow:4px 4px 4px  
4px #B4FF4E }
```

# Background

The CSS property to change the background color of an element to Hex B4FF4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4FF4E }
```

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

```
.background{ background-color:#B4FF4E }
```

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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