

Converting Colors

Hex(B9FF44)

Have a look what the booklet for
Hex(B9FF44) contains.

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Color

Hex(B9FF44)

Conversions

Conversions Part 1

Format	Color
Hex	B9FF44
RGB	185, 255, 68
RGB Percent	73%, 100%, 27%
CMY	0.2745, 0.0000, 0.7333
CMYK	0.27, 0.00, 0.73, 0.00
HSL	82°, 100%, 63%
HSV	82°, 73%, 100%
XYZ	56.8110, 82.2516, 18.3507
YIQ	212.7520, 18.3070, -72.9970

Conversions

Conversions Part 2

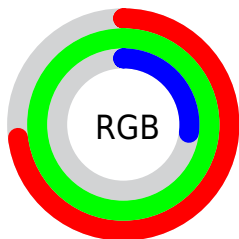
Format	Color
RYB	68, 255, 138
Decimal	12189508
CIELab	92.69, -47.29, 76.92
CIELCh	93, 90.292, 121.586
Yxy	82.2516, 0.3609, 0.5225
Android (android.graphics.Color)	4290379588 (0xFFB9FF44)
YUV	212.7520, -71.3627, -24.3385
Hunter-Lab	90.6927, -46.8977, 51.4882

Details

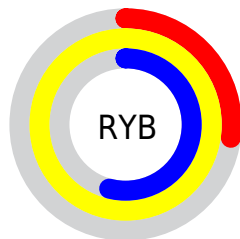
The Hex color **B9FF44** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **8A44FF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F5FF80**, and **7EC600** is the 20% darker color. If you saturate the color by 10%, you get **AFFF2A**, and if you desaturate by 10%, it is **C3FF5D**.

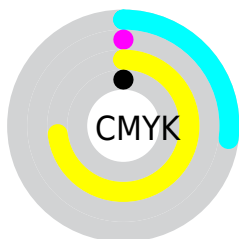
Distribution



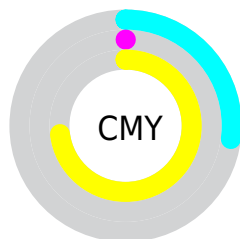
- Red (73%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9FF44 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 B9FF44 by changing the saturation by 10% instead.

 B9FF44

 B9FF44

FFFFFF

 9CE21F

 F5FF80

 7EC600

 FFFF9D

 61AA00

 FFFFBA

 438F00

 FFFFD7

 217500

 FFFFF5

 005C00

 004400

 002D00

 001100

 B9FF44

 B9FF44

 AFFF2A

 C3FF5D

 A6FF11

 CCFF77

 A0FF00

 D6FF91

 DFFFAA

 E9FFC3

 F2FFDD

 FCFFF6

FFFFFF

Harmonies

Analogous

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



FFE714



B9FF44



00FF93

Triad

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



B9FF44



00FFFF



FF93E9

Complementary

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



B9FF44



8A44FF

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.



FFAAFF



B9FF44



00F3FF

Square

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



B9FF44



00FFFF



EFD1FF



FFA294

Rectangle

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



B9FF44



00FFCE



EFD1FF



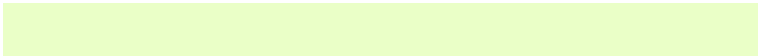
FF97FF

Sweetspot

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



B9FF44



EAFFC7



FF8944



73805E



000000



808080

Same Dimension

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



B9FF44



ABFF1F



5DFF44



7B8073



78BF00



284000

Inverse Universe

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



8A44FF



731FFF



E644FF



787380



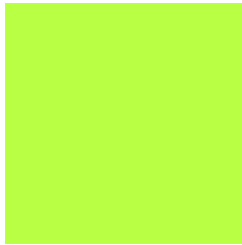
4800BF



180040

Previews

White Background



This preview shows how the Hex color B9FF44 looks on a white background.

Color Contrast Check

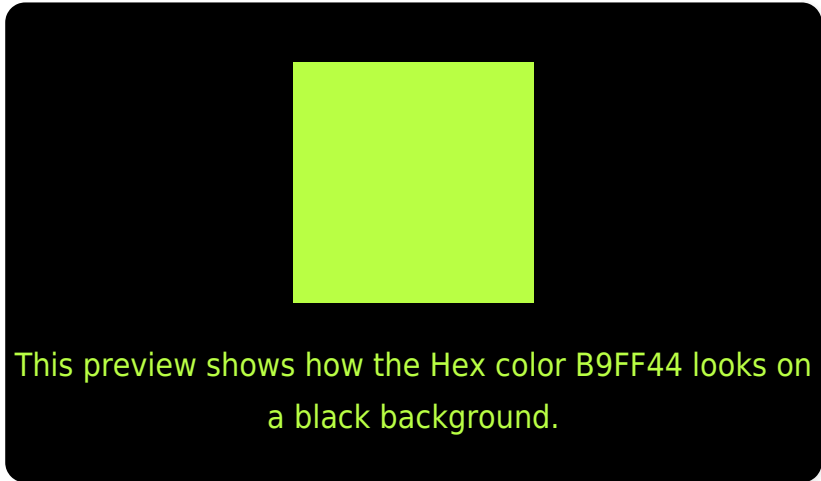
Large Text (above 18pt) WCAG AA × Fail

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 B9FF44 Background



This preview shows how black text looks on a background with the Hex color B9FF44.

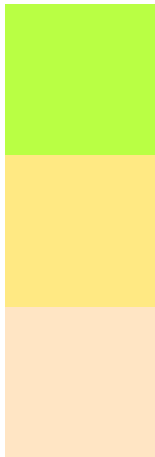


This preview shows how white text looks on a background with the Hex color B9FF44.

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
B9FF44

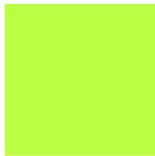
Protanopia
FFE983

Deuteranopia
FFE5C4



Tritanopia
D2EDFF

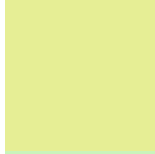
Trichromacy



Original Color
B9FF44



Protanomaly
E6F16C

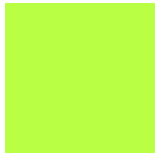


Deuteranomaly
E6EE95

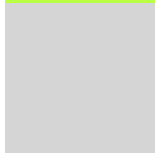


Tritanomaly
C9F4BB

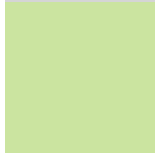
Monochromacy



Original Color
B9FF44



Achromatopsia
D5D5D5



Achromatomaly
CBE4A0

CSS Examples

Text

The CSS property to change the color of the text to Hex B9FF44 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 #B9FF44 looks like.

```
.text, #text, p{  
    color:#B9FF44  
}
```

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 #B9FF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FF44
}
```

Border

The CSS property to change the border of an element to Hex B9FF44 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
#B9FF44 }
```

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

```
.border{ border-color:#B9FF44 }
```

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

Here you see how a box with a 4 pixel #B9FF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FF44; -webkit-box-shadow:4px 4px  
4px 4px #B9FF44; box-shadow:4px 4px 4px  
4px #B9FF44 }
```

Background

The CSS property to change the background color of an element to Hex B9FF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FF44 }
```

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

```
.background{ background-color:#B9FF44 }
```

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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