

Converting Colors

Hex(B4FF42)

Have a look what the booklet for
Hex(B4FF42) contains.

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Color

Hex(B4FF42)

Conversions

Conversions Part 1

Format	Color
Hex	B4FF42
RGB	180, 255, 66
RGB Percent	71%, 100%, 26%
CMY	0.2941, 0.0000, 0.7412
CMYK	0.29, 0.00, 0.74, 0.00
HSL	84°, 100%, 63%
HSV	84°, 74%, 100%
XYZ	55.5658, 81.6166, 17.9792
YIQ	211.0290, 15.9690, -74.6790

Conversions

Conversions Part 2

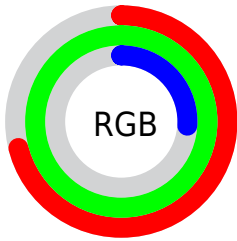
Format	Color
R _Y B	66, 255, 141
Decimal	11861826
CIE Lab	92.41, -49.18, 77.18
CIE LCh	92, 91.522, 122.507
Yxy	81.6166, 0.3581, 0.5260
Android (android.graphics.Color)	4290051906 (0xFFB4FF42)
YUV	211.0290, -71.4993, -27.2124
Hunter-Lab	90.3419, -48.3101, 51.4399

Details

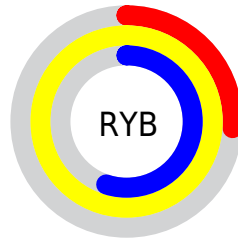
The Hex color **B4FF42** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **8D42FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F0FF7E**, and **79C600** is the 20% darker color. If you saturate the color by 10%, you get **AAFF28**, and if you desaturate by 10%, it is **BEFF5B**.

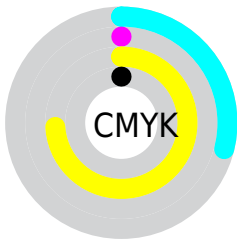
Distribution



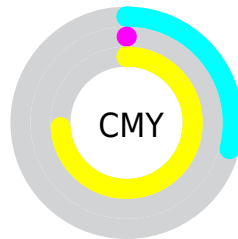
- Red (71%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4FF42 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 B4FF42 by changing the saturation by 10% instead.

 B4FF42

 B4FF42

FFFFFF

 96E21C

 F0FF7E

 79C600

 FFFF9B

 5BAA00

 FFFFB8

 3C8F00

 FFFFFD6

 177500

 FFFFF4

 005C00

 004300

 002D00

 001000

 B4FF42

 B4FF42

 AAFF28

 BEFF5B

 A0FF0F

 C8FF75

 9AFF00

 D2FF8F

 DCFFA8

 E7FFC2

 F1FFDB

 FBFFF4

FFFFFF

Harmonies

Analogous

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



FFE803



B4FF42



00FF93

Triad

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



B4FF42



00FFFF



FF90E6

Complementary

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



B4FF42



8D42FF

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.



FFA6FF



B4FF42



00F1FF

Square

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



B4FF42



00FFFF



F2CEFF



FFA190

Rectangle

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



B4FF42



00FFCF



F2CEFF



FF94FF

Sweetspot

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



B4FF42



E9FFC7



FF8A42



72805E



000000



808080

Same Dimension

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



B4FF42



A5FF1C



58FF42



7A8073



73BF00



264000

Inverse Universe

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



8D42FF



761CFF



E942FF



787380



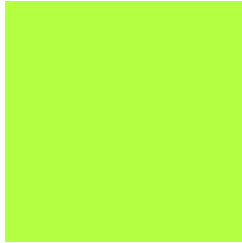
4C00BF



190040

Previews

White Background



This preview shows how the Hex color B4FF42 looks on a white background.

Color Contrast Check

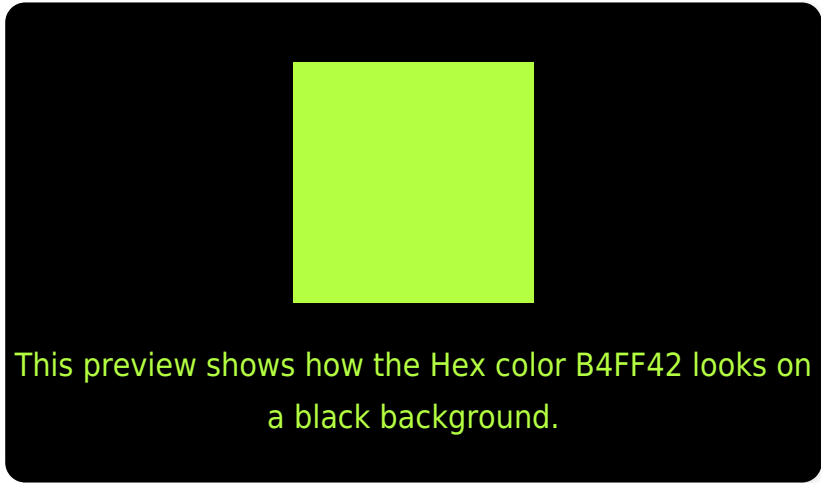
Large Text (above 18pt) WCAG AA × Fail

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

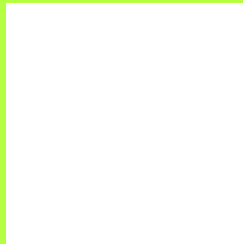
Any Text WCAG AAA ✓ Pass

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

Hex B4FF42 Background



This preview shows how black text looks on a background with the Hex color B4FF42.

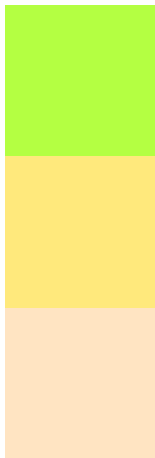


This preview shows how white text looks on a background with the Hex color B4FF42.

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

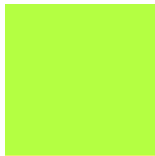


Original Color
B4FF42

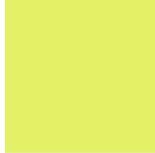
Protanopia
FFE97C

Deuteranopia
FFE4C2

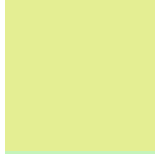
Trichromacy



Original Color
B4FF42



Protanomaly
E4F167

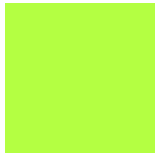


Deuteranomaly
E4EE93

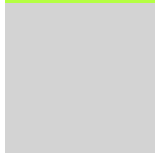


Tritanomaly
C5F4BA

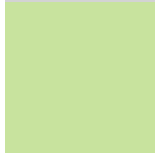
Monochromacy



Original Color
B4FF42



Achromatopsia
D3D3D3



Achromatomaly
C8E39E

CSS Examples

Text

The CSS property to change the color of the text to Hex B4FF42 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 #B4FF42 looks like.

```
.text, #text, p{  
    color:#B4FF42  
}
```

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 #B4FF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4FF42
}
```

Border

The CSS property to change the border of an element to Hex B4FF42 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
#B4FF42 }
```

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

```
.border{ border-color:#B4FF42 }
```

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

Here you see how a box with a 4 pixel #B4FF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4FF42; -webkit-box-shadow:4px 4px  
4px 4px #B4FF42; box-shadow:4px 4px 4px  
4px #B4FF42 }
```

Background

The CSS property to change the background color of an element to Hex B4FF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4FF42 }
```

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

```
.background{ background-color:#B4FF42 }
```

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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