

Converting Colors

Hex(B4FF21)

Have a look what the booklet for
Hex(B4FF21) contains.

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Color

Hex(B4FF21)

Conversions

Conversions Part 1

Format	Color
Hex	B4FF21
RGB	180, 255, 33
RGB Percent	71%, 100%, 13%
CMY	0.2941, 0.0000, 0.8706
CMYK	0.29, 0.00, 0.87, 0.00
HSL	80°, 100%, 56%
HSV	80°, 87%, 100%
XYZ	54.8569, 81.3331, 14.2464
YIQ	207.2670, 26.5620, -84.9420

Conversions

Conversions Part 2

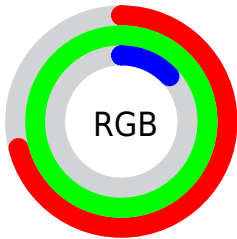
Format	Color
R_{YB}	33, 255, 108
Decimal	11861793
CIE _{Lab}	92.28, -50.43, 85.16
CIE _{LCh}	92, 98.967, 120.634
Yxy	81.3331, 0.3647, 0.5406
Android (android.graphics.Color)	4290051873 (0xFFB4FF21)
YUV	207.2670, -85.9136, -23.9132
Hunter-Lab	90.1849, -49.2470, 53.7634

Details

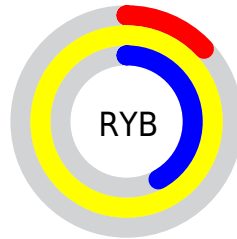
The Hex color **B4FF21** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **6C21FF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F1FF69**, and **78C600** is the 20% darker color. If you saturate the color by 10%, you get **ABFF08**, and if you desaturate by 10%, it is **BDFF3A**.

Distribution



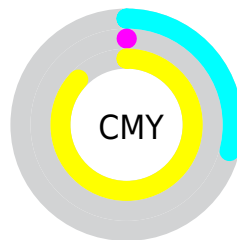
- Red (71%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4FF21 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 B4FF21 by changing the saturation by 10% instead.



B4FF21



B4FF21

FFFFFF



96E200



F1FF69



78C600



FFFF87



5AAA00



FFFAA4



3A8F00



FFFC2



0E7500



FFFEE0



005C00

FFFFFE



004300



002D00



000F00

 B4FF21

 B4FF21

 ABFF08

 BDFF3A

 A9FF00

 C5FF54

 CEFF6D

 D6FF87

 DFFFA1

 E8FFBA

 F0FFD3

 F9FFED

FFFFFF

Harmonies

Analogous

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



FFE500



B4FF21



00FF86

Triad

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



B4FF21



00FFFF



FF83EB

Complementary

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



B4FF21



6C21FF

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



B4FF21



00F4FF

Square

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



B4FF21



00FFFF



E6CEFF



FF958E

Rectangle

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



B4FF21



00FFC7



E6CEFF



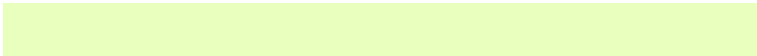
FF89FF

Sweetspot

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



B4FF21



E9FFBD



FF6B21



728058



000000



808080

Same Dimension

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



B4FF21



A9FF00



46FF21



7B8073



7FBF00



2A4000

Inverse Universe

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



6C21FF



5600FF



DA21FF



777380



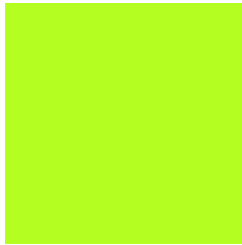
4100BF



160040

Previews

White Background



This preview shows how the Hex color B4FF21 looks on a white background.

Color Contrast Check

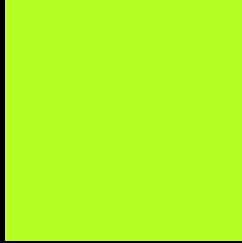
Large Text (above 18pt) WCAG AA × Fail

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 B4FF21 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 B4FF21 Background



This preview shows how black text looks on a background with the Hex color B4FF21.

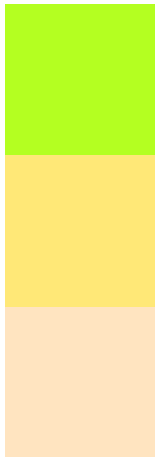


This preview shows how white text looks on a background with the Hex color B4FF21.

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

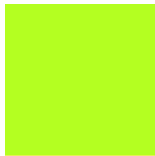


Original Color
B4FF21

Protanopia
FFE877

Deuteranopia
FFE4C0

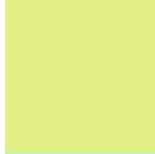
Trichromacy



Original Color
B4FF21



Protanomaly
E4F058

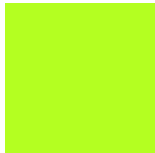


Deuteranomaly
E4EE86

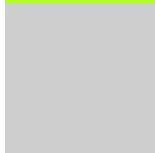


Tritanomaly
C5F4AE

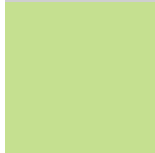
Monochromacy



Original Color
B4FF21



Achromatopsia
CFCFCF



Achromatomaly
C5E090

CSS Examples

Text

The CSS property to change the color of the text to Hex B4FF21 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 #B4FF21 looks like.

```
.text, #text, p{  
    color:#B4FF21  
}
```

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 #B4FF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4FF21
}
```

Border

The CSS property to change the border of an element to Hex B4FF21 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
#B4FF21 }
```

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

```
.border{ border-color:#B4FF21 }
```

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

Here you see how a box with a 4 pixel #B4FF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4FF21; -webkit-box-shadow:4px 4px  
4px 4px #B4FF21; box-shadow:4px 4px 4px  
4px #B4FF21 }
```

Background

The CSS property to change the background color of an element to Hex B4FF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4FF21 }
```

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

```
.background{ background-color:#B4FF21 }
```

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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