

Converting Colors

Hex(B2FB00)

Have a look what the booklet for
Hex(B2FB00) contains.

Hex(B2FB00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2FB00)

Conversions

Conversions Part 1

Format	Color
Hex	B2FB00
RGB	178, 251, 0
RGB Percent	70%, 98%, 0%
CMY	0.3020, 0.0157, 1.0000
CMYK	0.29, 0.00, 1.00, 0.02
HSL	77°, 100%, 49%
HSV	77°, 100%, 98%
XYZ	52.8573, 78.4593, 12.3583
YIQ	200.5590, 37.0630, -93.5370

Conversions

Conversions Part 2

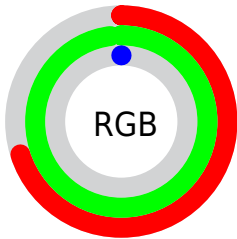
Format	Color
RYB	0, 251, 73
Decimal	11729664
CIELab	90.99, -49.99, 87.63
CIELCh	91, 100.884, 119.702
Yxy	78.4593, 0.3679, 0.5461
Android (android.graphics.Color)	4289919744 (0xFFB2FB00)
YUV	200.5590, -98.8756, -19.7842
Hunter-Lab	88.5773, -48.4928, 53.7320

Details

The Hex color **B2FB00** 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 **4900FB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EFFF5D**, and **76C200** is the 20% darker color. If you saturate the color by 10%, you get **B2FB00**, and if you desaturate by 10%, it is **B9FB19**.

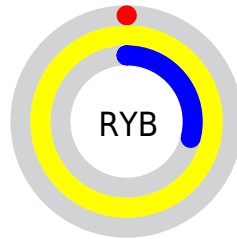
Distribution



Red (70%)

Green (98%)

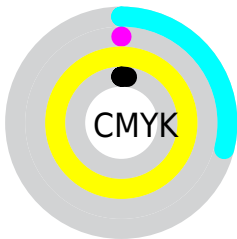
Blue (0%)



Red (0%)

Yellow (98%)

Blue (29%)

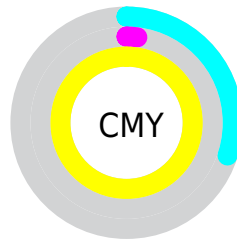


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FB00 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 B2FB00 by changing the saturation by 10% instead.

 B2FB00

 B2FB00

FFFFFF

 94DE00

 EFFF5D

 76C200

 FFFF7C

 57A700

 FFFF9A

 388C00

 FFFFB8

 087200

 FFFFD6

 005800

 FFFFF5

 004000

 002A00

 000700

 B2FB00

 B9FB19

 C1FB32

 C8FB4B

 CFFB64

 D7FB7E

 DEFB97

 E5FBB0

 ECFBC9

 F4FBE2

Harmonies

Analogous

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



FFE100



B2FB00



00FF7D

Triad

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



B2FB00



00FFFF



FF7BEA

Complementary

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



B2FB00



4900FB

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.



FF9CFF



B2FB00



00F1FF

Square

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



B2FB00



00FFFF



DCCCFF



FF8D8B

Rectangle

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



B2FB00



00FFBF



DCCCFF



FF82FF

Sweetspot

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



B2FB00



E9FFB3



FB4700



728052



000000



808080

Same Dimension

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



B2FB00



B5FF00



36FB00



797D70



86BD00



2B3D00

Inverse Universe

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



4900FB



4A00FF



C500FB



74707D



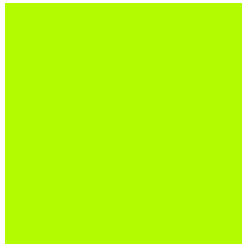
3700BD



12003D

Previews

White Background



This preview shows how the Hex color B2FB00 looks on a white background.

Color Contrast Check

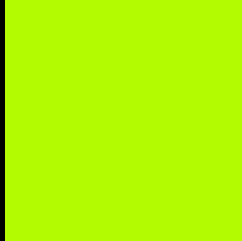
Large Text (above 18pt) WCAG AA × Fail

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 B2FB00 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

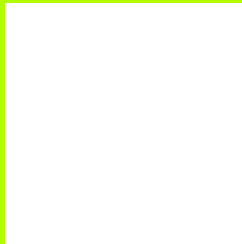
Any Text WCAG AAA ✓ Pass

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

Hex B2FB00 Background



This preview shows how black text looks on a background with the Hex color B2FB00.



This preview shows how white text looks on a background with the Hex color B2FB00.

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

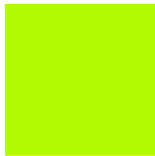


Original Color
B2FB00

Protanopia
FFE54C

Deuteranopia
FFDFB4

Trichromacy



Original Color
B2FB00



Protanomaly
E3ED30

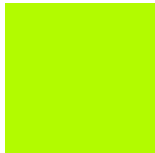


Deuteranomaly
E3E973

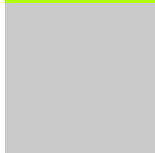


Tritanomaly
C1F0A0

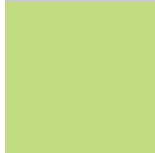
Monochromacy



Original Color
B2FB00



Achromatopsia
C9C9C9



Achromatomaly
C1DB80

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FB00 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 #B2FB00 looks like.

```
.text, #text, p{  
    color:#B2FB00  
}
```

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 #B2FB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FB00
}
```

Border

The CSS property to change the border of an element to Hex B2FB00 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
#B2FB00 }
```

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

```
.border{ border-color:#B2FB00 }
```

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

Here you see how a box with a 4 pixel #B2FB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FB00; -webkit-box-shadow:4px 4px  
4px 4px #B2FB00; box-shadow:4px 4px 4px  
4px #B2FB00 }
```

Background

The CSS property to change the background color of an element to Hex B2FB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FB00 }
```

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

```
.background{ background-color:#B2FB00 }
```

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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