

Converting Colors

Hex(B6FD00)

Have a look what the booklet for
Hex(B6FD00) contains.

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Color

Hex(B6FD00)

Conversions

Conversions Part 1

Format	Color
Hex	B6FD00
RGB	182, 253, 0
RGB Percent	71%, 99%, 0%
CMY	0.2863, 0.0078, 1.0000
CMYK	0.28, 0.00, 1.00, 0.01
HSL	77°, 100%, 50%
HSV	77°, 100%, 99%
XYZ	54.4167, 80.1956, 12.6112
YIQ	202.9290, 38.8970, -93.7350

Conversions

Conversions Part 2

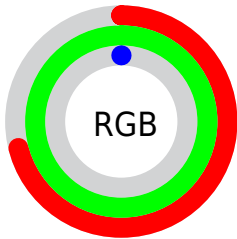
Format	Color
RYB	0, 253, 71
Decimal	11992320
CIELab	91.77, -49.36, 88.32
CIELCh	92, 101.180, 119.198
Yxy	80.1956, 0.3696, 0.5447
Android (android.graphics.Color)	4290182400 (0xFFB6FD00)
YUV	202.9290, -100.0440, -18.3547
Hunter-Lab	89.5520, -48.2497, 54.3368

Details

The Hex color **B6FD00** 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 **4700FD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F3FF5E**, and **7AC400** is the 20% darker color. If you saturate the color by 10%, you get **B6FD00**, and if you desaturate by 10%, it is **BDFD19**.

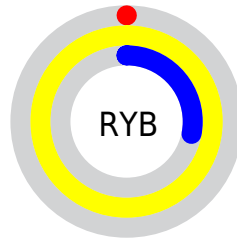
Distribution



Red (71%)

Green (99%)

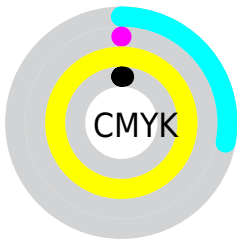
Blue (0%)



Red (0%)

Yellow (99%)

Blue (28%)

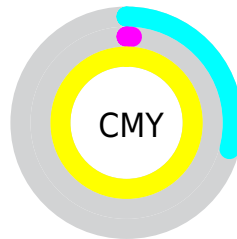


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6FD00 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 B6FD00 by changing the saturation by 10% instead.

 B6FD00

 B6FD00

FFFFFF

 98E000

 F3FF5E

 7AC400

 FFFF7D

 5CA800

 FFFF9B

 3C8E00

 FFFFB9

 127400

 FFFFD7

 005A00

 FFFFF5

 004200

 002C00

 000C00

 B6FD00

 BDFD19

 C4FD33

 CBFD4C

 D2FD65

 DAFD7F

 E1FD98

 E8FDB1

 EFFDCA

 F6FDE4

Harmonies

Analogous

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



FFE200



B6FD00



00FF7D

Triad

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



B6FD00



00FFFF



FF7EEE

Complementary

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



B6FD00



4700FD

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.



FF9FFF



B6FD00



00F4FF

Square

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



B6FD00



00FFFF



DCCFFB



FF8F8F

Rectangle

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



B6FD00



00FFC0



DCCFFF



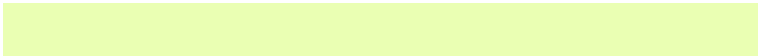
FF84FF

Sweetspot

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



B6FD00



EAFFB3



FD4300



738052



000000



808080

Same Dimension

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



B6FD00



B7FF00



3BFD00



7C8073



8ABF00



2E4000

Inverse Universe

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



4700FD



4800FF



C200FD



767380



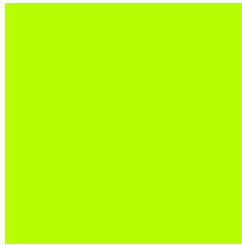
3600BF



120040

Previews

White Background



This preview shows how the Hex color B6FD00 looks on a white background.

Color Contrast Check

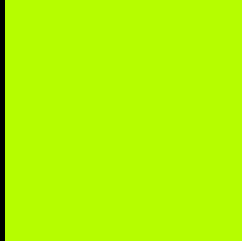
Large Text (above 18pt) WCAG AA × Fail

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 B6FD00 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 B6FD00 Background



This preview shows how black text looks on a background with the Hex color B6FD00.

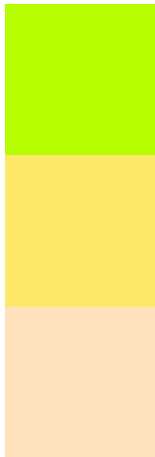


This preview shows how white text looks on a background with the Hex color B6FD00.

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

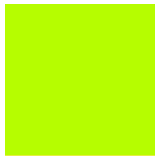


Original Color
B6FD00

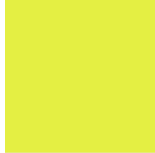
Protanopia
FFE769

Deuteranopia
FFE2BB

Trichromacy



Original Color
B6FD00



Protanomaly
E4EF43



Deuteranomaly
E4EC77

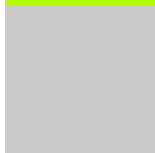


Tritanomaly
C5F2A2

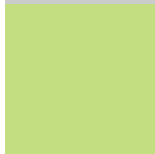
Monochromacy



Original Color
B6FD00



Achromatopsia
CBCBCB



Achromatomaly
C3DD81

CSS Examples

Text

The CSS property to change the color of the text to Hex B6FD00 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 #B6FD00 looks like.

```
.text, #text, p{  
    color:#B6FD00  
}
```

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 #B6FD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6FD00
}
```

Border

The CSS property to change the border of an element to Hex B6FD00 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
#B6FD00 }
```

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

```
.border{ border-color:#B6FD00 }
```

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

Here you see how a box with a 4 pixel #B6FD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6FD00; -webkit-box-shadow:4px 4px  
4px 4px #B6FD00; box-shadow:4px 4px 4px  
4px #B6FD00 }
```

Background

The CSS property to change the background color of an element to Hex B6FD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6FD00 }
```

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

```
.background{ background-color:#B6FD00 }
```

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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