

Converting Colors

Hex(B5F700)

Have a look what the booklet for
Hex(B5F700) contains.

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Color

Hex(B5F700)

Conversions

Conversions Part 1

Format	Color
Hex	B5F700
RGB	181, 247, 0
RGB Percent	71%, 97%, 0%
CMY	0.2902, 0.0314, 1.0000
CMYK	0.27, 0.00, 1.00, 0.03
HSL	76°, 100%, 48%
HSV	76°, 100%, 97%
XYZ	52.3168, 76.3453, 11.9787
YIQ	199.1080, 39.9510, -90.8090

Conversions

Conversions Part 2

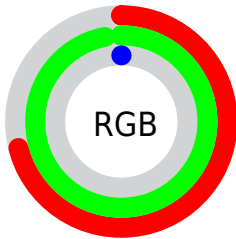
Format	Color
RYB	0, 247, 66
Decimal	11925248
CIELab	90.02, -47.21, 86.96
CIElCh	90, 98.949, 118.499
Yxy	76.3453, 0.3720, 0.5428
Android (android.graphics.Color)	4290115328 (0xFFB5F700)
YUV	199.1080, -98.1602, -15.8807
Hunter-Lab	87.3758, -46.0296, 53.0347

Details

The Hex color **B5F700** 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 **4200F7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F2FF5D**, and **79BE00** is the 20% darker color. If you saturate the color by 10%, you get **B5F700**, and if you desaturate by 10%, it is **BCF719**.

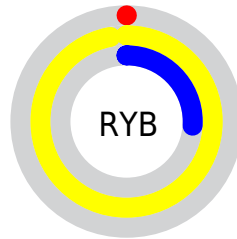
Distribution



Red (71%)

Green (97%)

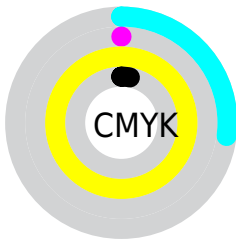
Blue (0%)



Red (0%)

Yellow (97%)

Blue (26%)

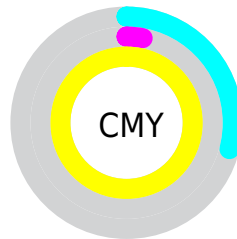


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (29%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5F700 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 B5F700 by changing the saturation by 10% instead.

 B5F700

 B5F700

FFFFFF

 97DA00

 F2FF5D

 79BE00

 FFFF7B

 5BA300

 FFFF99

 3D8800

 FFFFB7

 156E00

 FFFF D5

 005500

 FFFFF3

 003D00

 002800

 000000

 B5F700

 BCF719

 C2F731

 C9F74A

 CFF763

 D6F77C

 DDF794

 E3F7AD

 EAF7C6

 F0F7DE

Harmonies

Analogous

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



FFDD00



B5F700



00FF79

Triad

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



B5F700



00FFFF



FF7CEB

Complementary

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



B5F700



4200F7

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.



FF9DFF



B5F700



00EFFF

Square

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



B5F700



00FFFF



D3CBFF



FF8C8E

Rectangle

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



B5F700



00FFB9



D3CBFF



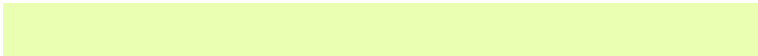
FF83FF

Sweetspot

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



B5F700



EBFFB3



F74200



738052



000000



808080

Same Dimension

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



B5F700



BBFF00



3AF700



777A6E



88BA00



2B3B00

Inverse Universe

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



4200F7



4400FF



BD00F7



716E7A



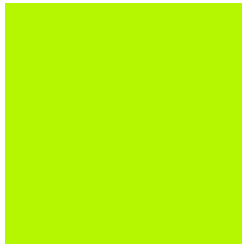
3200BA



10003B

Previews

White Background



This preview shows how the Hex color B5F700 looks on a white background.

Color Contrast Check

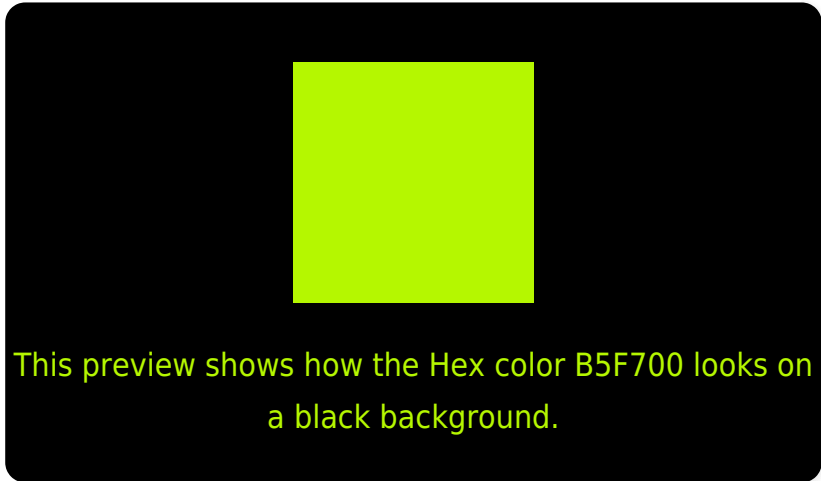
Large Text (above 18pt) WCAG AA × Fail

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 B5F700 Background



This preview shows how black text looks on a background with the Hex color B5F700.

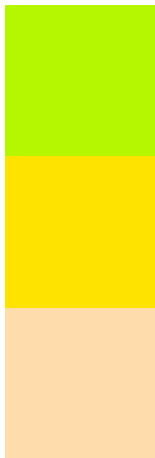


This preview shows how white text looks on a background with the Hex color B5F700.

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

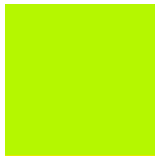


Original Color
B5F700

Protanopia
FEE200

Deuteranopia
FFDCAB

Trichromacy



Original Color
B5F700



Protanomaly
E3EA00



Deuteranomaly
E4E66D

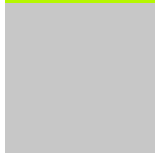


Tritanomaly
C4EC9E

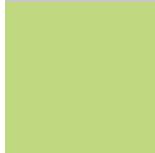
Monochromacy



Original Color
B5F700



Achromatopsia
C7C7C7



Achromatomaly
C0D87F

CSS Examples

Text

The CSS property to change the color of the text to Hex B5F700 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 #B5F700 looks like.

```
.text, #text, p{  
    color:#B5F700  
}
```

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 #B5F700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F700
}
```

Border

The CSS property to change the border of an element to Hex B5F700 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
#B5F700 }
```

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

```
.border{ border-color:#B5F700 }
```

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

Here you see how a box with a 4 pixel #B5F700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F700; -webkit-box-shadow:4px 4px  
4px 4px #B5F700; box-shadow:4px 4px 4px  
4px #B5F700 }
```

Background

The CSS property to change the background color of an element to Hex B5F700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F700 }
```

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

```
.background{ background-color:#B5F700 }
```

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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