

Converting Colors

Hex(B6FF70)

Have a look what the booklet for
Hex(B6FF70) contains.

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Color

Hex(**B6FF70**)

Conversions

Conversions Part 1

Format	Color
Hex	B6FF70
RGB	182, 255, 112
RGB Percent	71%, 100%, 44%
CMY	0.2863, 0.0000, 0.5608
CMYK	0.29, 0.00, 0.56, 0.00
HSL	91°, 100%, 72%
HSV	91°, 56%, 100%
XYZ	57.9760, 82.6349, 28.2237
YIQ	216.8710, 2.3950, -59.9490

Conversions

Conversions Part 2

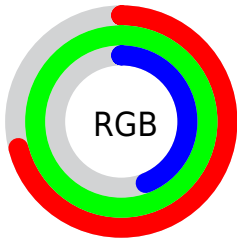
Format	Color
RYB	112, 255, 185
Decimal	11992944
CIELab	92.85, -45.16, 60.16
CIELCh	93, 75.223, 126.895
Yxy	82.6349, 0.3434, 0.4894
Android (android.graphics.Color)	4290183024 (0xFFB6FF70)
YUV	216.8710, -51.7014, -30.5819
Hunter-Lab	90.9038, -45.2390, 45.2243

Details

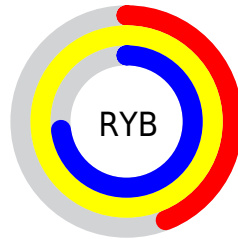
The Hex color **B6FF70** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **B970FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F1FFA7**, and **7DC639** is the 20% darker color. If you saturate the color by 10%, you get **A9FF57**, and if you desaturate by 10%, it is **C3FF8A**.

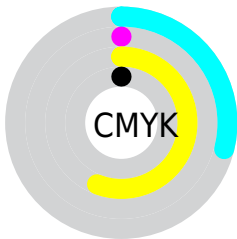
Distribution



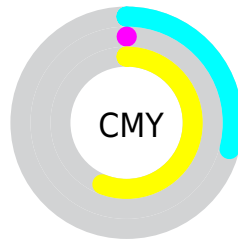
- Red (71%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6FF70 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 B6FF70 by changing the saturation by 10% instead.

 B6FF70

 B6FF70

FFFFFF

 99E255

 F1FFA7

 7DC639

 FFFFC4

 61AA18

 FFFFE1

 448F00

FFFFFFE

 247500

 005C00

 004400

 002D00

 001200

 B6FF70

 B6FF70

 A9FF57

 C3FF8A

 9CFF3D

 D0FFA3

 8FFF23

 DDFFB D

 82FF0A

 EAFFD6

 7DFF00

 F7FFF0

FFFFFF

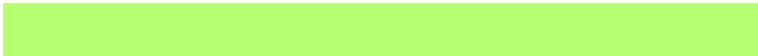
Harmonies

Analogous

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



FFEC50



B6FF70



37FFAF

Triad

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



B6FF70



00FFFF



FFA9DD

Complementary

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



B6FF70



B970FF

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.



FFB4FF



B6FF70



7BEDFF

Square

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



B6FF70



00FFFF



FFD0FF



FFB797

Rectangle

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



B6FF70



00FFE0



FFD0FF



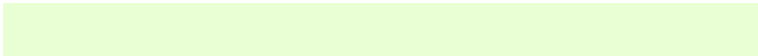
FFAAF5

Sweetspot

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



B6FF70



E9FFD4



FFB870



728066



000000



808080

Same Dimension

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



B6FF70



A8FF54



70FF70



798073



5EBF00



1F4000

Inverse Universe

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



B970FF



AB54FF



FF70FF



797380



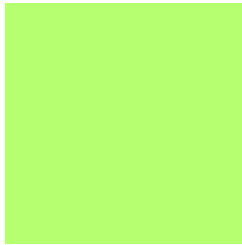
6200BF



210040

Previews

White Background



This preview shows how the Hex color B6FF70 looks on a white background.

Color Contrast Check

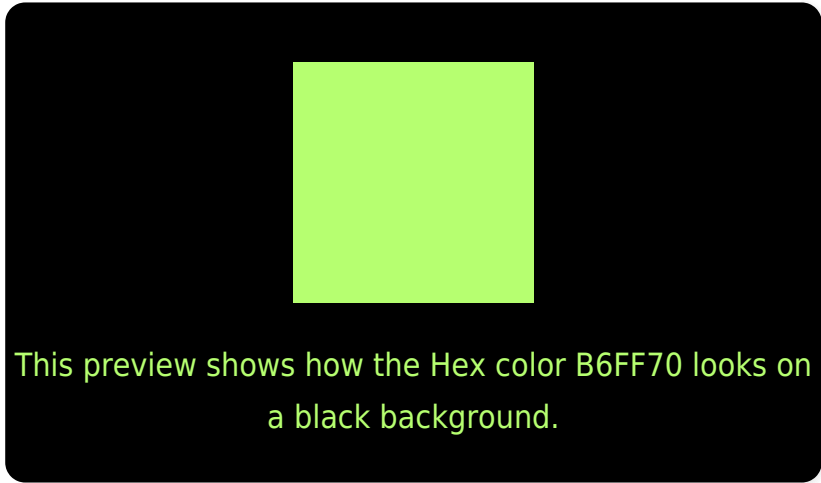
Large Text (above 18pt) WCAG AA × Fail

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

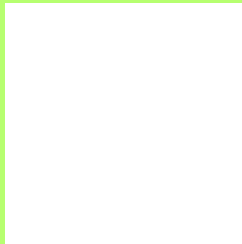
Any Text WCAG AAA ✓ Pass

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

Hex B6FF70 Background



This preview shows how black text looks on a background with the Hex color B6FF70.

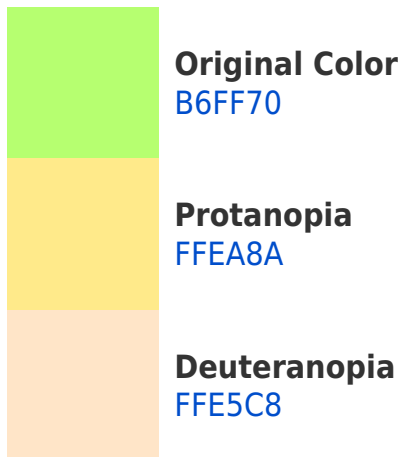


This preview shows how white text looks on a background with the Hex color B6FF70.

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](#).

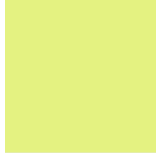
Dichromacy



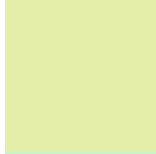
Trichromacy



Original Color
B6FF70



Protanomaly
E4F281

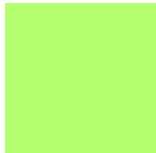


Deuteranomaly
E4EEA8

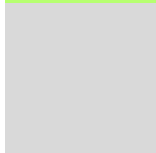


Tritanomaly
C7F5CB

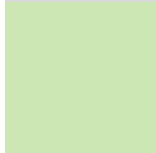
Monochromacy



Original Color
B6FF70



Achromatopsia
D9D9D9



Achromatomaly
CCE7B3

CSS Examples

Text

The CSS property to change the color of the text to Hex B6FF70 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 #B6FF70 looks like.

```
.text, #text, p{  
    color:#B6FF70  
}
```

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 #B6FF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6FF70
}
```

Border

The CSS property to change the border of an element to Hex B6FF70 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
#B6FF70 }
```

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

```
.border{ border-color:#B6FF70 }
```

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

Here you see how a box with a 4 pixel #B6FF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6FF70; -webkit-box-shadow:4px 4px  
4px 4px #B6FF70; box-shadow:4px 4px 4px  
4px #B6FF70 }
```

Background

The CSS property to change the background color of an element to Hex B6FF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6FF70 }
```

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

```
.background{ background-color:#B6FF70 }
```

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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