

Converting Colors

Hex(B6F86C)

Have a look what the booklet for
Hex(B6F86C) contains.

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Color

Hex(B6F86C)

Conversions

Conversions Part 1

Format	Color
Hex	B6F86C
RGB	182, 248, 108
RGB Percent	71%, 97%, 42%
CMY	0.2863, 0.0275, 0.5765
CMYK	0.27, 0.00, 0.56, 0.03
HSL	88°, 91%, 70%
HSV	88°, 56%, 97%
XYZ	55.5656, 78.1626, 26.3456
YIQ	212.3060, 5.6040, -57.5320

Conversions

Conversions Part 2

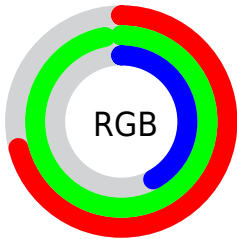
Format	Color
RYB	108, 248, 174
Decimal	11991148
CIELab	90.85, -42.50, 59.60
CIELCh	91, 73.203, 125.489
Yxy	78.1626, 0.3471, 0.4883
Android (android.graphics.Color)	4290181228 (0xFFB6F86C)
YUV	212.3060, -51.4229, -26.5784
Hunter-Lab	88.4096, -42.5293, 44.2186

Details

The Hex color **B6F86C** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AE6CF8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F1FFA3**, and **7DBF35** is the 20% darker color. If you saturate the color by 10%, you get **AAF853**, and if you desaturate by 10%, it is **C2F885**.

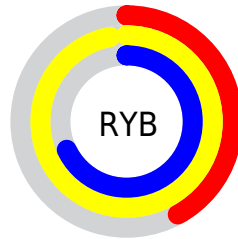
Distribution



Red (71%)

Green (97%)

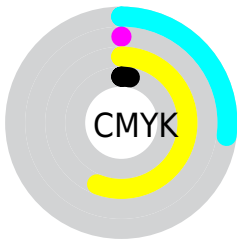
Blue (42%)



Red (42%)

Yellow (97%)

Blue (68%)

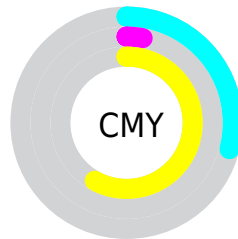


Cyan (27%)

Magenta (0%)

Yellow (56%)

Black (3%)



Cyan (29%)

Magenta (3%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6F86C 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 B6F86C by changing the saturation by 10% instead.

 B6F86C

 B6F86C

FFFFFF

 99DB51

 F1FFA3

 7DBF35

 FFFFBF

 61A413

 FFFFDC

 458900

 FFFFF9

 276F00

 005600

 003E00

 002900

 000600

 B6F86C

 B6F86C

 AAF853

 C2F885

 9FF83A

 CDF89E

 93F822

 D9F8B6

 87F809

 E5F8CF

 83F800

 F0F8E8

 FCF8FF

 FFF8FF

Harmonies

Analogous

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



FFE54F



B6F86C



44FFA8

Triad

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



B6F86C



00FBFF



FFA6DB

Complementary

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



B6F86C



AE6CF8

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.



FFB2FF



B6F86C



71E8FF

Square

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



B6F86C



00FFFF



FACDFD



FFB297

Rectangle

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



B6F86C



00FFD7



FACDFF



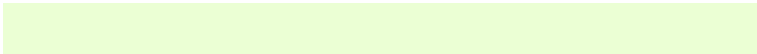
FFA7F2

Sweetspot

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



B6F86C



EBFFD4



F8AD6C



738066



000000



808080

Same Dimension

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



B6F86C



ADFF52



71F86C



777D70



64BD00



203D00

Inverse Universe

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



AE6CF8



A352FF



F36CF8



76707D



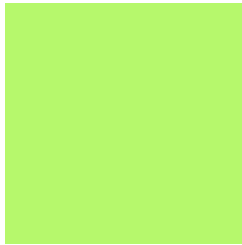
5900BD



1D003D

Previews

White Background



This preview shows how the Hex color B6F86C looks on a white background.

Color Contrast Check

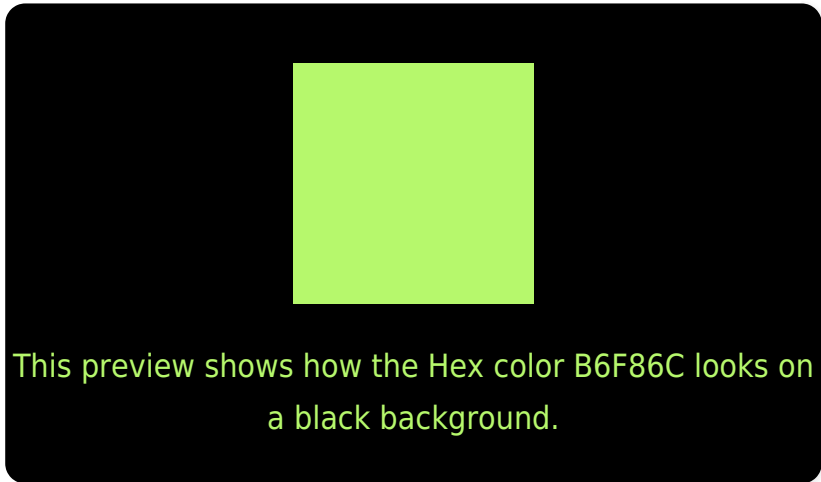
Large Text (above 18pt) WCAG AA × Fail

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 B6F86C Background



This preview shows how black text looks on a background with the Hex color B6F86C.

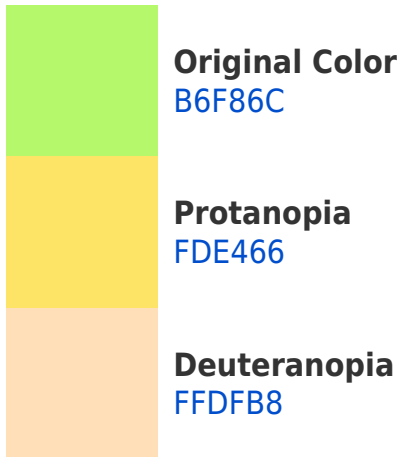


This preview shows how white text looks on a background with the Hex color B6F86C.

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](#).

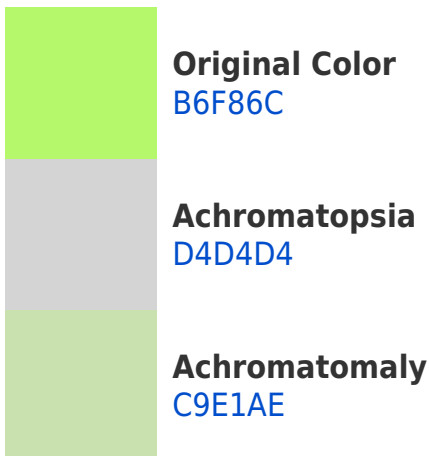
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6F86C 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 #B6F86C looks like.

```
.text, #text, p{  
    color:#B6F86C  
}
```

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 #B6F86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F86C
}
```

Border

The CSS property to change the border of an element to Hex B6F86C 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
#B6F86C }
```

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

```
.border{ border-color:#B6F86C }
```

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

Here you see how a box with a 4 pixel #B6F86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F86C; -webkit-box-shadow:4px 4px  
4px 4px #B6F86C; box-shadow:4px 4px 4px  
4px #B6F86C }
```

Background

The CSS property to change the background color of an element to Hex B6F86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F86C }
```

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

```
.background{ background-color:#B6F86C }
```

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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