

Converting Colors

Hex(B6EF88)

Have a look what the booklet for
Hex(B6EF88) contains.

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Color

Hex(B6EF88)

Conversions

Conversions Part 1

Format	Color
Hex	B6EF88
RGB	182, 239, 136
RGB Percent	71%, 94%, 53%
CMY	0.2863, 0.0627, 0.4667
CMYK	0.24, 0.00, 0.43, 0.06
HSL	93°, 76%, 74%
HSV	93°, 43%, 94%
XYZ	54.6018, 73.4557, 34.5931
YIQ	210.2150, -0.9090, -44.1170

Conversions

Conversions Part 2

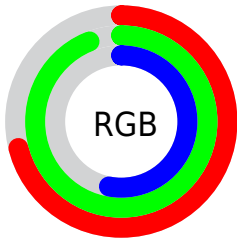
Format	Color
RYB	136, 239, 193
Decimal	11988872
CIELab	88.66, -35.49, 43.99
CIElCh	89, 56.519, 128.900
Yxy	73.4557, 0.3357, 0.4516
Android (android.graphics.Color)	4290178952 (0xFFB6EF88)
YUV	210.2150, -36.5880, -24.7446
Hunter-Lab	85.7063, -36.2670, 36.0635

Details

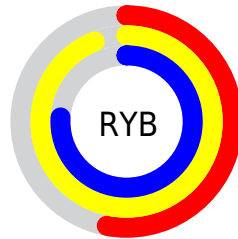
The Hex color **B6EF88** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C188EF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F0FFBF**, and **7FB754** is the 20% darker color. If you saturate the color by 10%, you get **A9EF70**, and if you desaturate by 10%, it is **C3EFA0**.

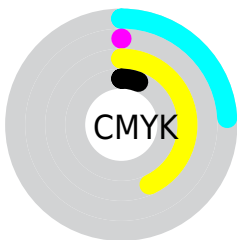
Distribution



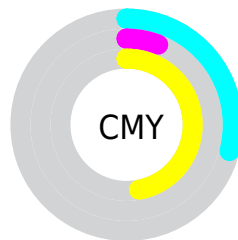
- Red (71%)
- Green (94%)
- Blue (53%)



- Red (53%)
- Yellow (94%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)



- Cyan (29%)
- Magenta (6%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6EF88 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 B6EF88 by changing the saturation by 10% instead.

 B6EF88

FFFFFF

 F0FFBF

 FFFFDB

 FFFFF8

 B6EF88

 9AD36E

 7FB754

 649C3B

 498121

 2F6801

 114F00

 003800

 002400

 000000

 B6EF88

 B6EF88

 A9EF70

 C3EFA0

 9CEF58

 D0EFB8

 8EEF40

 DEEFD0

 81EF28

 EBFEF8

 74EF10

 F8EFFF

 6BEF00

 FFEFFF

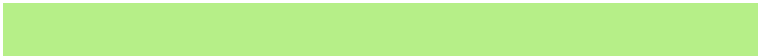
Harmonies

Analogous

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



F0E171



B6EF88



6CF8B6

Triad

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



B6EF88



00EFFF



FFB2D0

Complementary

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



B6EF88



C188EF

Split Complementary

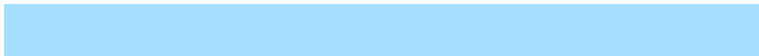
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



B6EF88



A4DFFF

Square

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



B6EF88



00F8FF



F9CAFF



FFBC9E

Rectangle

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



B6EF88



00FADB



F9CAFF



FFB2E3

Sweetspot

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



B6EF88



EDFFDE



EFC188



74806B



000000



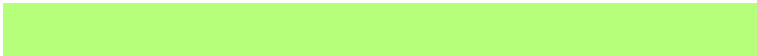
808080

Same Dimension

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



B6EF88



B6FF7A



88EF8D



71786C



52B800



193800

Inverse Universe

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



C188EF



C47AFF



EF88EA



726C78



6600B8



1F0038

Previews

White Background



This preview shows how the Hex color B6EF88 looks on a white background.

Color Contrast Check

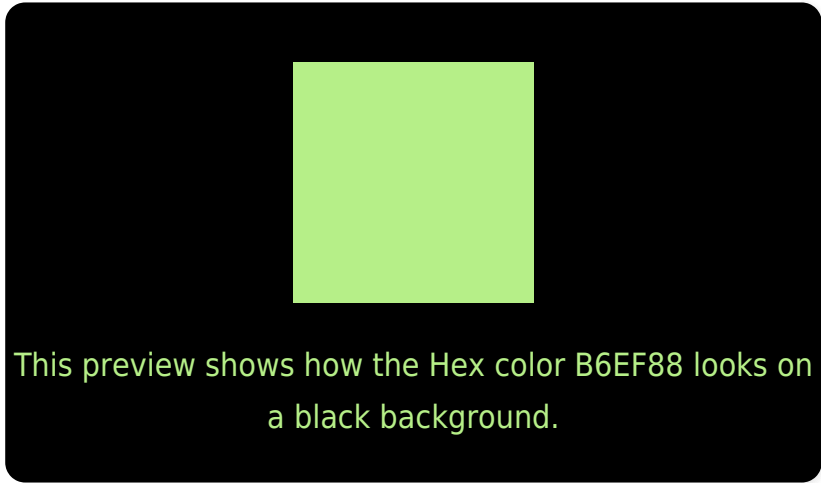
Large Text (above 18pt) WCAG AA × Fail

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 B6EF88 Background



This preview shows how black text looks on a background with the Hex color B6EF88.

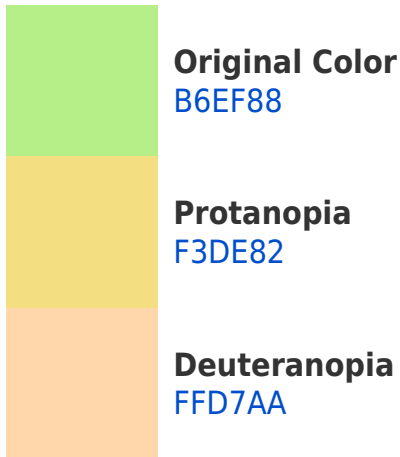


This preview shows how white text looks on a background with the Hex color B6EF88.

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



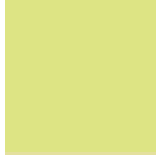


Tritanopia
C6E2F4

Trichromacy



Original Color
B6EF88



Protanomaly
DDE484



Deuteranomaly
E4E09E



Tritanomaly
C0E7CD

Monochromacy



Original Color
B6EF88



Achromatopsia
D2D2D2



Achromatomaly
C8DDB7

CSS Examples

Text

The CSS property to change the color of the text to Hex B6EF88 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 #B6EF88 looks like.

```
.text, #text, p{  
    color:#B6EF88  
}
```

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 #B6EF88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6EF88  
}
```

Border

The CSS property to change the border of an element to Hex B6EF88 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  
#B6EF88 }
```

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

```
.border{ border-color:#B6EF88 }
```

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

Here you see how a box with a 4 pixel #B6EF88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6EF88; -webkit-box-shadow:4px 4px  
4px 4px #B6EF88; box-shadow:4px 4px 4px  
4px #B6EF88 }
```

Background

The CSS property to change the background color of an element to Hex B6EF88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6EF88 }
```

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

```
.background{ background-color:#B6EF88 }
```

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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