

# Converting Colors

Hex(B5EF98)

Have a look what the booklet for  
Hex(B5EF98) contains.

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**Color**

**Hex(B5EF98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5EF98
RGB	181, 239, 152
RGB Percent	71%, 94%, 60%
CMY	0.2902, 0.0627, 0.4039
CMYK	0.24, 0.00, 0.36, 0.06
HSL	100°, 73%, 77%
HSV	100°, 36%, 94%
XYZ	55.5901, 73.8238, 41.0253
YIQ	211.7400, -6.6410, -39.3530

# Conversions

## Conversions Part 2

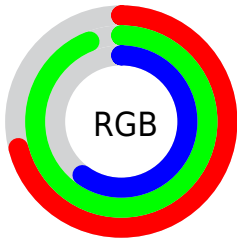
Format	Color
<a href="#">RYB</a>	<a href="#">152, 239, 210</a>
Decimal	<a href="#">11923352</a>
CIELab	<a href="#">88.84, -33.75, 36.30</a>
CIElCh	<a href="#">89, 49.570, 132.913</a>
Yxy	<a href="#">73.8238, 0.3262, 0.4331</a>
Android (android.graphics.Color)	<a href="#">4290113432 (0xFFB5EF98)</a>
YUV	<a href="#">211.7400, -29.4518, -26.9590</a>
Hunter-Lab	<a href="#">85.9208, -34.8732, 31.8349</a>

# Details

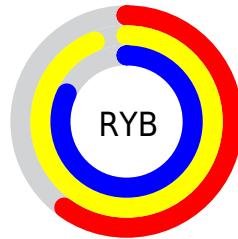
The Hex color **B5EF98** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D298EF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EEFFCF**, and **7EB764** is the 20% darker color. If you saturate the color by 10%, you get **A5EF80**, and if you desaturate by 10%, it is **C5EFB0**.

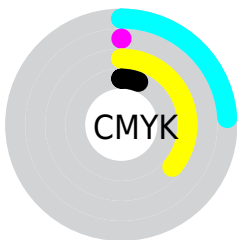
# Distribution



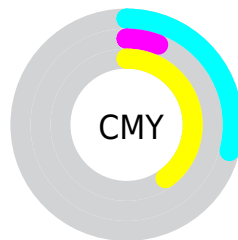
- Red (71%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)



- Cyan (29%)
- Magenta (6%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5EF98 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 B5EF98 by changing the saturation by 10% instead.



 B5EF98

FFFFFF

 EEFFCF

 FFFFEC

 B5EF98

 99D37E

 7EB764

 649C4B

 4A8133

 30681A

 134F00

 003800

 002400

 000000

 B5EF98

 B5EF98

 A5EF80

 C5EFB0

 95EF68

 D5EFC8

 85EF50

 E5EFE0

 75EF38

 F5EFF8

 65EF21

 FFEFFF

 55EF09

 50EF00

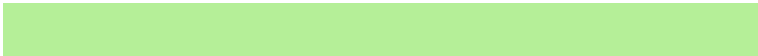
# Harmonies

## Analogous

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



E9E381



B5EF98



77F6C2

# Triad

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



B5EF98



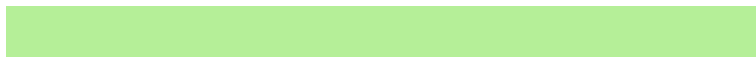
61ECFF



FFBACC

# Complementary

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



B5EF98



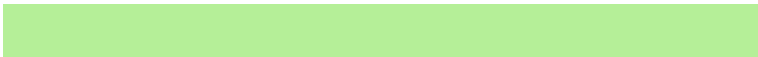
D298EF

# 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.



FFBDFC



B5EF98



BBDDFF

# Square

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



B5EF98



00F5FF



FECBFF



FFC3A1

# Rectangle

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



B5EF98



41F8E2



FECBFF



FFBADC



# Sweetspot

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



B5EF98



ECFFE3



EFD298



74806F



000000



808080



# Same Dimension

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



B5EF98



B4FF8F



98EFA6



70786C



3DB800



133800



# Inverse Universe

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



D298EF



DA8FFF



EF98E0



746C78



7A00B8

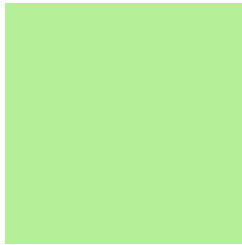


250038



# Previews

## White Background



This preview shows how the Hex color B5EF98 looks on a white background.

## Color Contrast Check

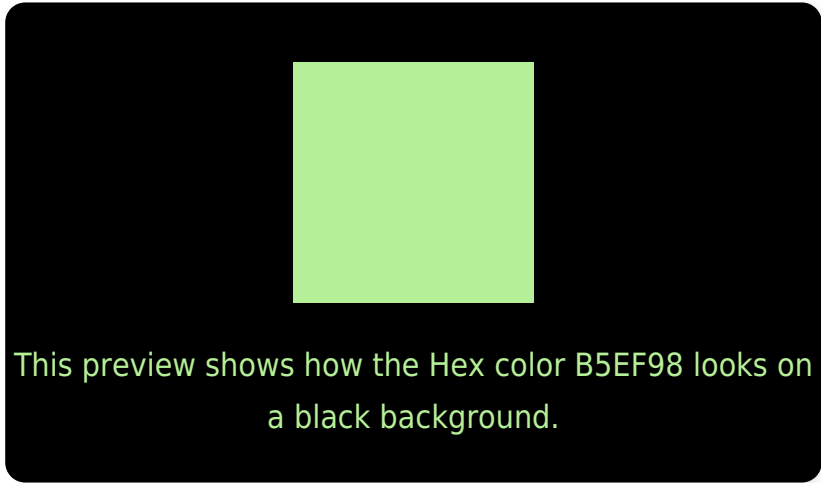
Large Text (above 18pt) WCAG AA × Fail

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 B5EF98 Background



This preview shows how black text looks on a background with the Hex color B5EF98.

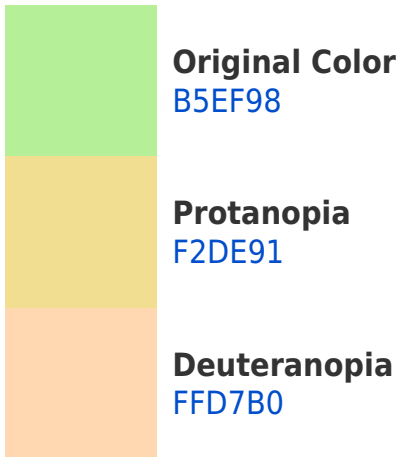


This preview shows how white text looks on a background with the Hex color B5EF98.

# 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**  
C4E4F6

# Trichromacy



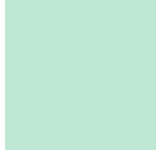
**Original Color**  
B5EF98



**Protanomaly**  
DCE494



**Deuteranomaly**  
E4E0A7

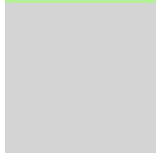


**Tritanomaly**  
BFE8D4

# Monochromacy



**Original Color**  
B5EF98



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C9DEBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5EF98 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 #B5EF98 looks like.

```
.text, #text, p{  
    color:#B5EF98  
}
```

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 #B5EF98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EF98
}
```

## Border

The CSS property to change the border of an element to Hex B5EF98 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
#B5EF98 }
```

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

```
.border{ border-color:#B5EF98 }
```

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

Here you see how a box with a 4 pixel #B5EF98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EF98; -webkit-box-shadow:4px 4px  
4px 4px #B5EF98; box-shadow:4px 4px 4px  
4px #B5EF98 }
```

# Background

The CSS property to change the background color of an element to Hex B5EF98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EF98 }
```

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

```
.background{ background-color:#B5EF98 }
```

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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