

# Converting Colors

Hex(B5F098)

Have a look what the booklet for  
Hex(B5F098) contains.

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**Color**

**Hex(B5F098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5F098
RGB	181, 240, 152
RGB Percent	71%, 94%, 60%
CMY	0.2902, 0.0588, 0.4039
CMYK	0.25, 0.00, 0.37, 0.06
HSL	100°, 75%, 77%
HSV	100°, 37%, 94%
XYZ	55.8836, 74.4109, 41.1231
YIQ	212.3270, -6.9160, -39.8760

# Conversions

## Conversions Part 2

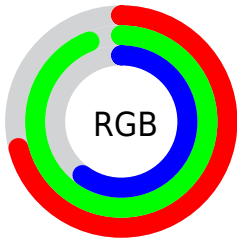
Format	Color
<a href="#">RYB</a>	<a href="#">152, 240, 211</a>
Decimal	<a href="#">11923608</a>
CIELab	<a href="#">89.12, -34.21, 36.67</a>
CIElCh	<a href="#">89, 50.149, 133.016</a>
Yxy	<a href="#">74.4109, 0.3260, 0.4341</a>
Android (android.graphics.Color)	<a href="#">4290113688</a> ( <a href="#">0xFFB5F098</a> )
YUV	<a href="#">212.3270, -29.7412, -27.4738</a>
Hunter-Lab	<a href="#">86.2618, -35.3190, 32.1182</a>

# Details

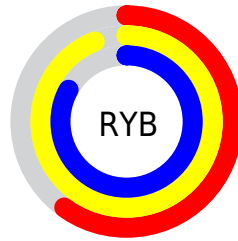
The Hex color **B5F098** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D398F0**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EEFFCF**, and **7EB864** is the 20% darker color. If you saturate the color by 10%, you get **A5F080**, and if you desaturate by 10%, it is **C5F0B0**.

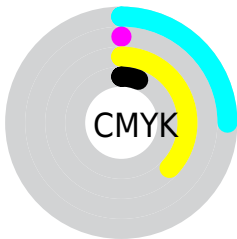
# Distribution



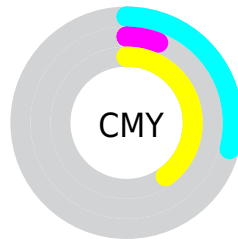
- Red (71%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)
- Black (6%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B5F098 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 B5F098 by changing the saturation by 10% instead.



 B5F098

 B5F098

FFFFFF

 99D37E

 EEFFCF

 7EB864

 FFFFEC

 649D4B

 4A8232

 2F691A

 125000

 003800

 002400

 000000

 B5F098

 B5F098

 A5F080

 C5F0B0

 95F068

 D5F0C8

 85F050

 E5F0E0

 75F038

 F5F0F8

 65F020

 FFF0FF

 54F008

 4FF000

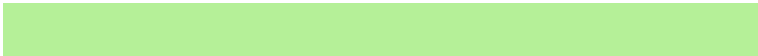
# Harmonies

## Analogous

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



EAE481



B5F098



76F7C2

# Triad

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



B5F098



60EDFF



FFBACD

# Complementary

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



B5F098



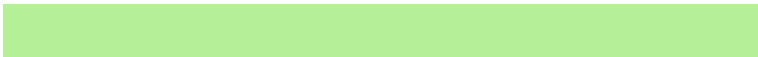
D398F0

# Split Complementary

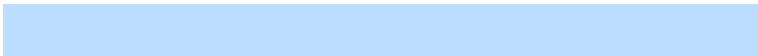
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBDFD



B5F098



BBDEFF

# Square

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



B5F098



00F6FF



FFCCFF



FFC3A1

# Rectangle

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



B5F098



3DF9E3



FFCCFF

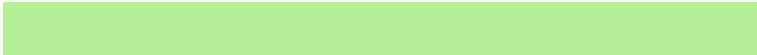


FFBADD

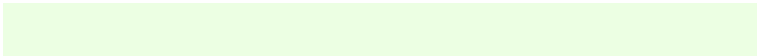


# Sweetspot

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



B5F098



ECFFE3



F0D398



74806F



000000



808080

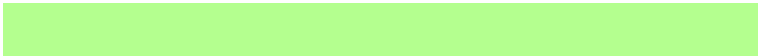


# Same Dimension

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



B5F098



B4FF8F



98F0A7



70786C



3DB800



123800



# Inverse Universe

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



D398F0



DA8FFF



F098E1



746C78



7B00B8



260038



# Previews

## White Background



This preview shows how the Hex color B5F098 looks on a white background.

## Color Contrast Check

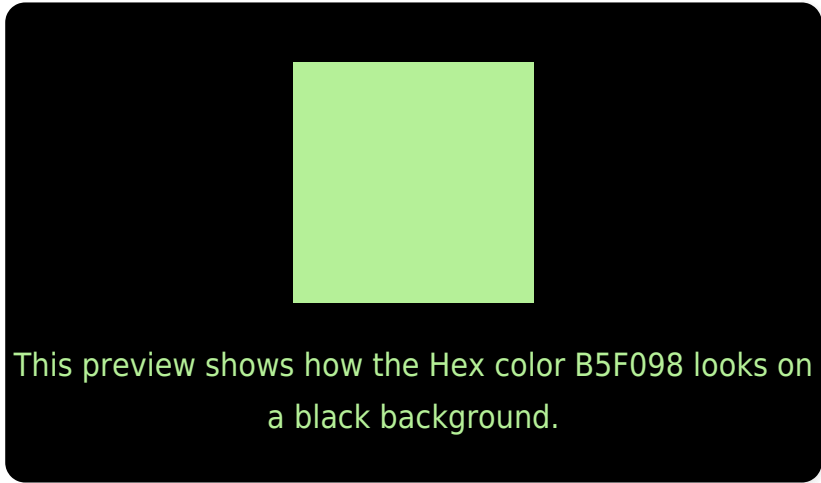
Large Text (above 18pt) WCAG AA × Fail

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

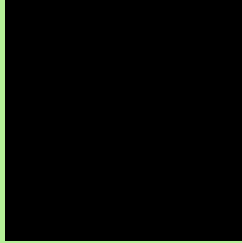
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5F098 Background



This preview shows how black text looks on a background with the Hex color B5F098.

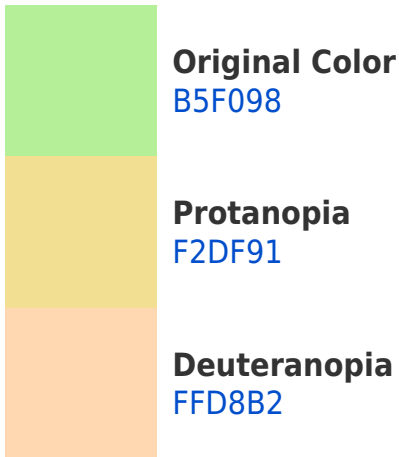


This preview shows how white text looks on a background with the Hex color B5F098.

# 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



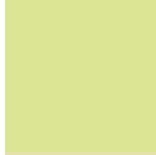


**Tritanopia**  
C4E4F7

# Trichromacy



**Original Color**  
B5F098



**Protanomaly**  
DCE594



**Deuteranomaly**  
E4E1A9

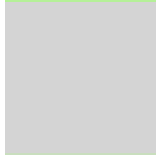


**Tritanomaly**  
BFE8D4

# Monochromacy



**Original Color**  
B5F098



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C9DEBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5F098 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 #B5F098 looks like.

```
.text, #text, p{  
    color:#B5F098  
}
```

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 #B5F098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F098
}
```

## Border

The CSS property to change the border of an element to Hex B5F098 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
#B5F098 }
```

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

```
.border{ border-color:#B5F098 }
```

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

Here you see how a box with a 4 pixel #B5F098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F098; -webkit-box-shadow:4px 4px  
4px 4px #B5F098; box-shadow:4px 4px 4px  
4px #B5F098 }
```

# Background

The CSS property to change the background color of an element to Hex B5F098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F098 }
```

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

```
.background{ background-color:#B5F098 }
```

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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