

Converting Colors

Hex(5BF98F)

Have a look what the booklet for
Hex(5BF98F) contains.

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Color

Hex(5BF98F)

Conversions

Conversions Part 1

Format	Color
Hex	5BF98F
RGB	91, 249, 143
RGB Percent	36%, 98%, 56%
CMY	0.6431, 0.0235, 0.4392
CMYK	0.63, 0.00, 0.43, 0.02
HSL	140°, 93%, 67%
HSV	140°, 63%, 98%
XYZ	43.1480, 71.9587, 37.6019
YIQ	189.6740, -60.1420, -66.4620

Conversions

Conversions Part 2

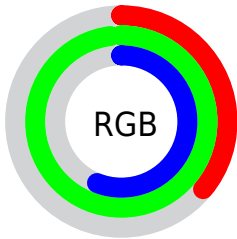
Format	Color
R _Y B	91, 210, 249
Decimal	6027663
CIE Lab	87.95, -63.78, 38.90
CIE LCh	88, 74.707, 148.617
Yxy	71.9587, 0.2826, 0.4712
Android (android.graphics.Color)	4284217743 (0xFF5BF98F)
YUV	189.6740, -23.0103, -86.5371
Hunter-Lab	84.8285, -57.6558, 33.0985

Details

The Hex color **5BF98F** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F95BC5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9BFFC6**, and **00BF5B** is the 20% darker color. If you saturate the color by 10%, you get **42F97E**, and if you desaturate by 10%, it is **74F9A0**.

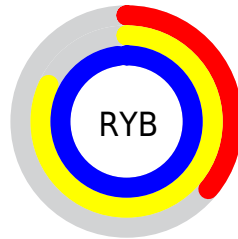
Distribution



Red (36%)

Green (98%)

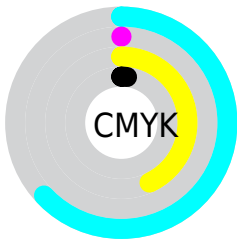
Blue (56%)



Red (36%)

Yellow (82%)

Blue (98%)

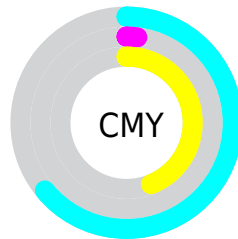


Cyan (63%)

Magenta (0%)

Yellow (43%)

Black (2%)



Cyan (64%)

Magenta (2%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF98F 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 5BF98F by changing the saturation by 10% instead.

 5BF98F

FFFFFF

 9BFFC6

 BAFFE2

 D9FFFF


 F8FFFF

 5BF98F

 35DC75

 00BF5B

 00A342

 008829

 006D0E

 005400

 003B00

 002300

 000000

 5BF98F

 5BF98F

 42F97E

 74F9A0

 29F96E

 8DF9B0

 10F95D

 A6F9C1

 00F952

 BFF9D2

 D8F9E3

 F0F9F3

 FFF9FF

Harmonies

Analogous

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



BFEC56



5BF98F



00FFD7

Triad

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



5BF98F



00E6FF



FFA39D

Complementary

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



5BF98F



F95BC5

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.



FF9CE3



5BF98F



D8CBFF

Square

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



5BF98F



00F7FF



FFADFF



FFBD62

Rectangle

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



5BF98F



00FFFF



FFADFF



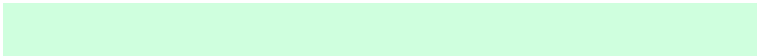
FF9EB3

Sweetspot

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



5BF98F



CFFFDE



C7F95B



62806C



000000



808080

Same Dimension

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



5BF98F



3DFF7D



5BF9DC



707D75



00BD3E



003D14

Inverse Universe

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



F95BC5



FF3DBF



F95B78



7D7079



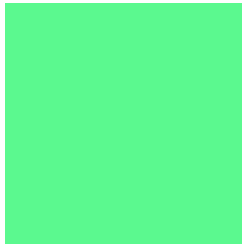
BD007F



3D0029

Previews

White Background



This preview shows how the Hex color 5BF98F looks on a white background.

Color Contrast Check

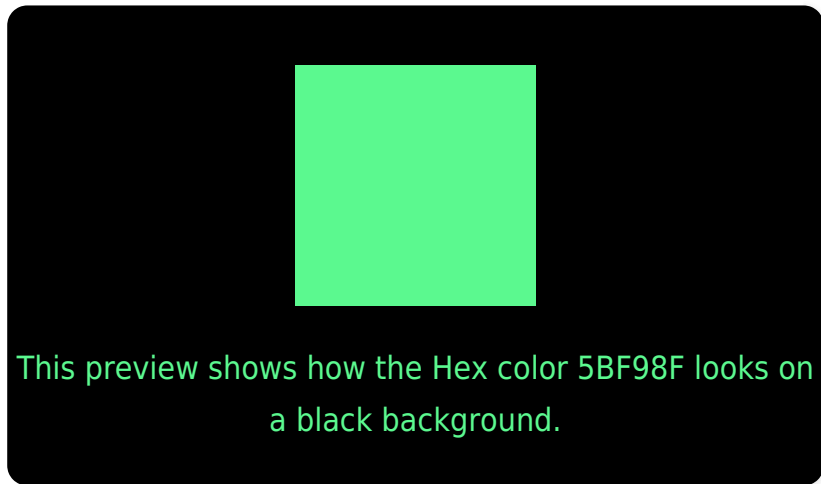
Large Text (above 18pt) WCAG AA × Fail

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

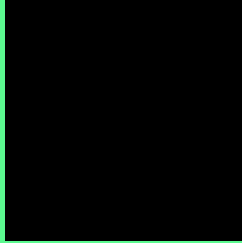
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

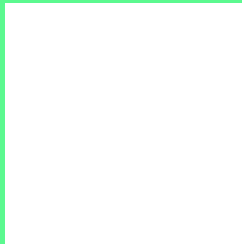
Any Text WCAG AAA ✓ Pass

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

Hex 5BF98F Background



This preview shows how black text looks on a background with the Hex color 5BF98F.

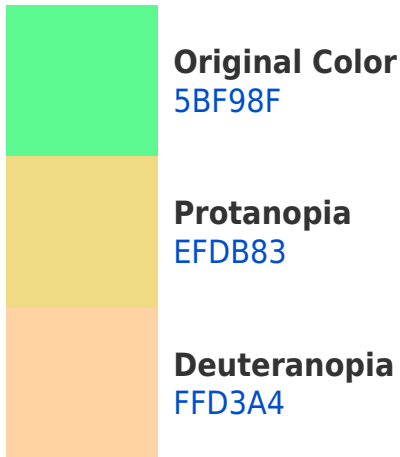


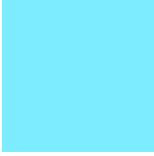
This preview shows how white text looks on a background with the Hex color 5BF98F.

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](#).

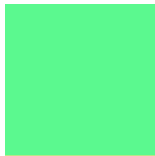
Dichromacy





Tritanopia
7DECFF

Trichromacy



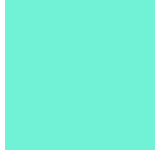
Original Color
5BF98F



Protanomaly
B9E687



Deuteranomaly
C3E19C



Tritanomaly
71F1D6

Monochromacy



Original Color
5BF98F



Achromatopsia
BEBEBE



Achromatomaly
9AD3AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF98F 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 #5BF98F looks like.

```
.text, #text, p{  
    color:#5BF98F  
}
```

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 #5BF98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF98F
}
```

Border

The CSS property to change the border of an element to Hex 5BF98F 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
#5BF98F }
```

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

```
.border{ border-color:#5BF98F }
```

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

Here you see how a box with a 4 pixel #5BF98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF98F; -webkit-box-shadow:4px 4px  
4px 4px #5BF98F; box-shadow:4px 4px 4px  
4px #5BF98F }
```

Background

The CSS property to change the background color of an element to Hex 5BF98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF98F }
```

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

```
.background{ background-color:#5BF98F }
```

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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