

Converting Colors

Hex(5FBFB8)

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

Hex(5FBFB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FBFBB)

Conversions

Conversions Part 1

Format	Color
Hex	5FBFB8
RGB	95, 191, 187
RGB Percent	37%, 75%, 73%
CMY	0.6275, 0.2510, 0.2667
CMYK	0.50, 0.00, 0.02, 0.25
HSL	177°, 43%, 56%
HSV	177°, 50%, 75%
XYZ	32.3198, 43.2824, 53.6646
YIQ	161.8400, -55.9320, -21.5960

Conversions

Conversions Part 2

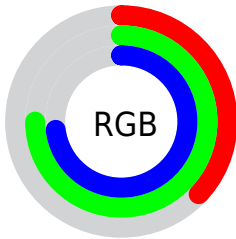
Format	Color
RYB	95, 144, 191
Decimal	6275003
CIELab	71.75, -29.23, -6.69
CIElCh	72, 29.983, 192.902
Yxy	43.2824, 0.2500, 0.3348
Android (android.graphics.Color)	4284465083 (0xFF5FBFB8)
YUV	161.8400, 12.4039, -58.6187
Hunter-Lab	65.7893, -27.4412, -2.3106

Details

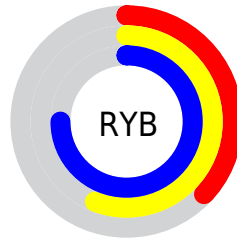
The Hex color **5FBFB8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF5F63**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **98F8F3**, and **1E8986** is the 20% darker color. If you saturate the color by 10%, you get **4CBFBA**, and if you desaturate by 10%, it is **72BFBC**.

Distribution



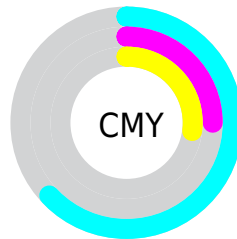
- Red (37%)
- Green (75%)
- Blue (73%)



- Red (37%)
- Yellow (56%)
- Blue (75%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (63%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

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



5FBFBFBB



5FBFBFBB

FFFFFFF



41A4A0



98F8F3



1E8986



B5FFFF



006F6D



D2FFFF



005754



F0FFFF



003F3D



002828



000D14



000000



5FBFBFBB



5FBFBFBB

■ 4CBFBA

■ 72BFBC

■ 39BFB9

■ 85BFBD

■ 26BFB9

■ 98BFBD

■ 13BFB8

■ ABBFBE

■ 00BFB7

■ BFBFBF

■ D2BFC0

■ E5BFC1

■ F8BFC1

■ FFBFC2

Harmonies

Analogous

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



79BE9F



5FBFBB



5BBDD4

Triad

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



5FBFB8



C3A5D8



D1A97C

Complementary

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



5FBFBB



BF5F63

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.



E2A08C



5FBFBB



DC9DC1

Square

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



5FBFBB



9EAE5



E79CA5



B7B27A

Rectangle

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



5FBFBF



6BB9E0



E79CA5



D8A680

Sweetspot

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



5FBFB8



D2F7F6



64BF5F



667D7C



FCFCFC



7D7D7D

Same Dimension

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



5FBFB8



63F7F1



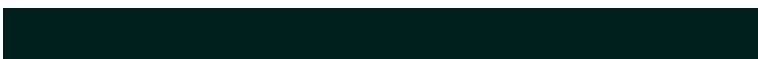
5F94BF



555E5E



009E98



001F1D

Inverse Universe

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



BF5F63



F76369



BF8A5F



5E5555



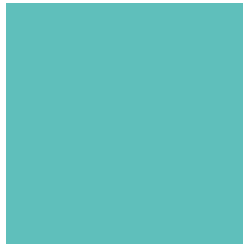
9E0007



1F0001

Previews

White Background



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

Color Contrast Check

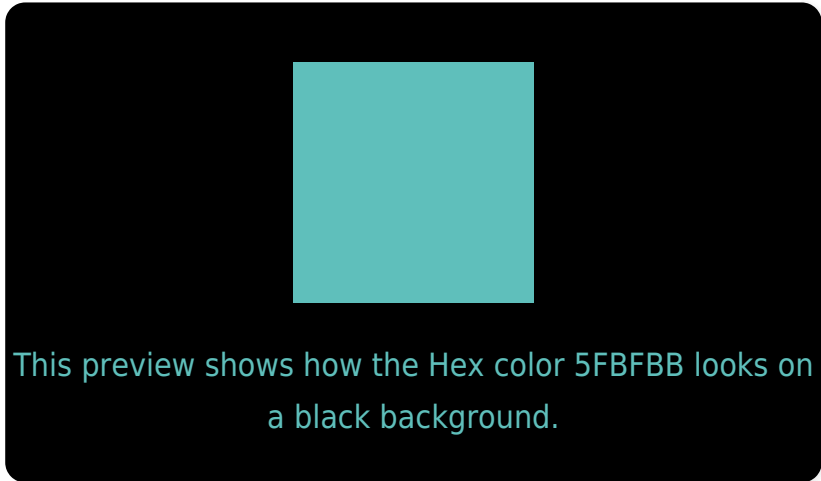
Large Text (above 18pt) WCAG AA × Fail

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 5FBFBF Background



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

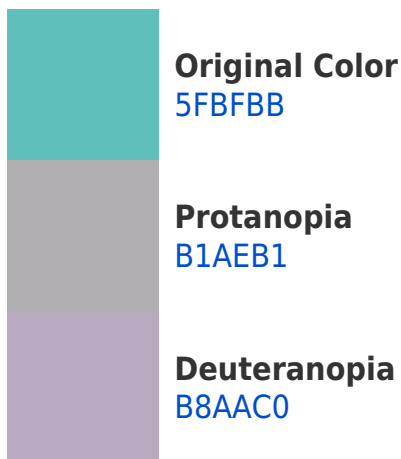


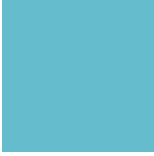
This preview shows how white text looks on a background with the Hex color 5FBFBF.

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





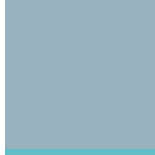
Trichromacy



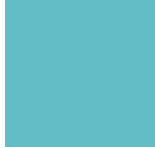
Original Color
5FBFBF



Protanomaly
93B4B5



Deuteranomaly
98B2BE



Tritanomaly
63BDC6

Monochromacy



Original Color
5FBFBF



Achromatopsia
A2A2A2



Achromatomaly
8AADAB

CSS Examples

Text

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

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

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 #5FBFBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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