

Converting Colors

Hex(58FEBF)

Have a look what the booklet for
Hex(58FEBF) contains.

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Color

Hex(58FEBF)

Conversions

Conversions Part 1

Format	Color
Hex	58FEBF
RGB	88, 254, 191
RGB Percent	35%, 100%, 75%
CMY	0.6549, 0.0039, 0.2510
CMYK	0.65, 0.00, 0.25, 0.00
HSL	157°, 99%, 67%
HSV	157°, 65%, 100%
XYZ	48.8703, 76.7199, 61.5229
YIQ	197.1840, -78.7130, -54.7850

Conversions

Conversions Part 2

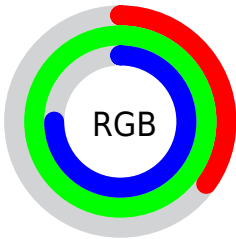
Format	Color
R_{YB}	88, 190, 254
Decimal	5832383
CIE _{Lab}	90.19, -57.16, 17.75
CIE _{LCh}	90, 59.854, 162.753
Yxy	76.7199, 0.2612, 0.4100
Android (android.graphics.Color)	4284022463 (0xFF58FEBF)
YUV	197.1840, -3.0487, -95.7544
Hunter-Lab	87.5899, -53.6893, 19.6678

Details

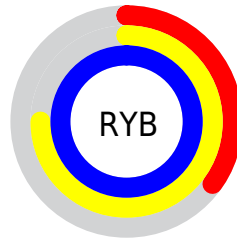
The Hex color **58FEBF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **FE5897**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9AFFF7**, and **00C489** is the 20% darker color. If you saturate the color by 10%, you get **3FFEB5**, and if you desaturate by 10%, it is **71FEC9**.

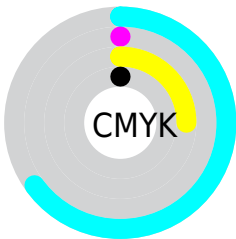
Distribution



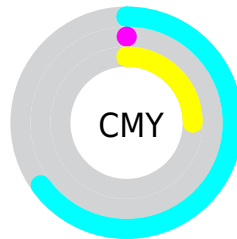
- Red (35%)
- Green (100%)
- Blue (75%)



- Red (35%)
- Yellow (75%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58FEBF 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 58FEBF by changing the saturation by 10% instead.

 58FEBF

 58FEBF

FFFFFF

 2FE1A4

 9AFF7

 00C489

 B9FFFF

 00A870

 D8FFFF

 008D57

 F7FFFF

 007240

 005829

 003F14

 002800

 000100

 58FEBF

 58FEBF

 3FFE85

 71FEC9

 25FEAC

 8BFED2

 0CFEA2

 A4FEDC

 00FE9E

 BEFEE6

 D7FEEF

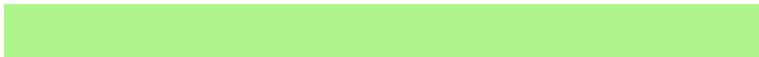
 F0FEF9

FFFEFF

Harmonies

Analogous

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



AEF68C



58FEBF



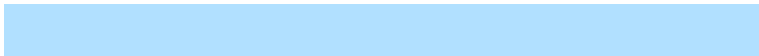
00FFFA

Triad

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



58FEBF



B1E0FF



FFC098

Complementary

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



58FEBF



FE5897

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.



FFB4CC



58FEBF



FFCAFF

Square

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



58FEBF



00F2FF



FFB8FF



FFD475

Rectangle

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



58FEBF



00FFFF



FFB8FF



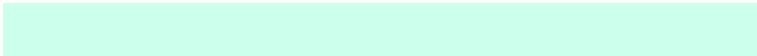
FFBAA8

Sweetspot

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



58FEBF



CCFFEC



98FE58



618074



000000



808080

Same Dimension

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



58FEBF



38FFB4



58EBFE



73807B



00BF77



004028

Inverse Universe

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



FE5897



FF3884



FE6B58



807378



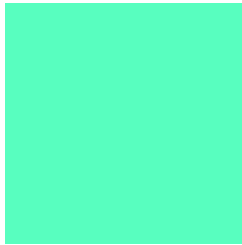
BF0049



400018

Previews

White Background



This preview shows how the Hex color 58FEBF looks on a white background.

Color Contrast Check

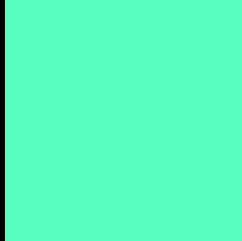
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 58FEBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

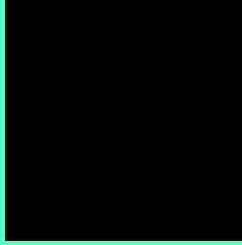
Any Text WCAG AA ✓ Pass

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 58FEBF Background



This preview shows how black text looks on a background with the Hex color 58FEBF.

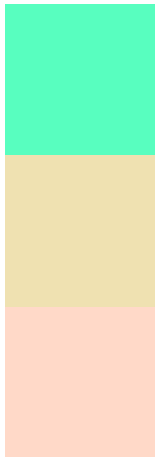


This preview shows how white text looks on a background with the Hex color 58FEBF.

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](#).

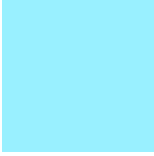
Dichromacy



Original Color
58FEBF

Protanopia
EFE1B1

Deuteranopia
FFD9C8



Tritanopia
99F0FF

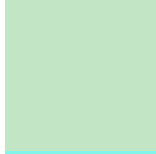
Trichromacy



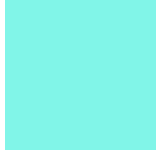
Original Color
58FEBF



Protanomaly
B8ECB6

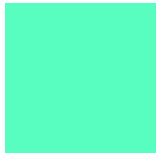


Deuteranomaly
C2E6C5

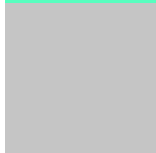


Tritanomaly
81F5E8

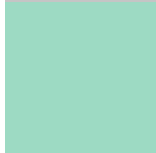
Monochromacy



Original Color
58FEBF



Achromatopsia
C5C5C5



Achromatomaly
9DDAC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 58FEBF 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 #58FEBF looks like.

```
.text, #text, p{  
    color:#58FEBF  
}
```

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 #58FEBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58FEBF
}
```

Border

The CSS property to change the border of an element to Hex 58FEBF 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
#58FEBF }
```

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

```
.border{ border-color:#58FEBF }
```

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

Here you see how a box with a 4 pixel #58FEBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58FEBF; -webkit-box-shadow:4px 4px  
4px 4px #58FEBF; box-shadow:4px 4px 4px  
4px #58FEBF }
```

Background

The CSS property to change the background color of an element to Hex 58FEBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58FEBF }
```

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

```
.background{ background-color:#58FEBF }
```

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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