

# Converting Colors

Hex(59FEBF)

Have a look what the booklet for  
Hex(59FEBF) contains.

<b>Hex(59FEBF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(59FEBF)

# Conversions

## Conversions Part 1

Format	Color
Hex	59FEBF
RGB	89, 254, 191
RGB Percent	35%, 100%, 75%
CMY	0.6510, 0.0039, 0.2510
CMYK	0.65, 0.00, 0.25, 0.00
HSL	157°, 99%, 67%
HSV	157°, 65%, 100%
XYZ	48.9656, 76.7691, 61.5274
YIQ	197.4830, -78.1170, -54.5730

# Conversions

## Conversions Part 2

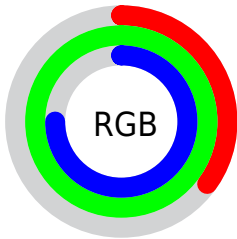
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 191, 254
Decimal	5897919
CIE <sub>Lab</sub>	90.22, -57.00, 17.78
CIE <sub>LCh</sub>	90, 59.709, 162.674
Yxy	76.7691, 0.2615, 0.4100
Android (android.graphics.Color)	4284087999 (0xFF59FEBF)
YUV	197.4830, -3.1961, -95.1396
Hunter-Lab	87.6180, -53.5761, 19.6977

# Details

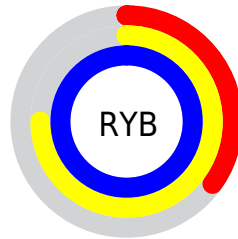
The Hex color **59FEBF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **FE5998**, and the grayscale version is **C6C6C6**.

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 **40FEB5**, and if you desaturate by 10%, it is **72FEC9**.

# Distribution



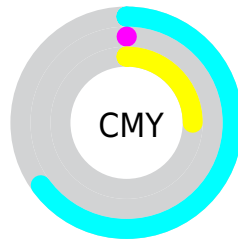
- Red (35%)
- Green (100%)
- Blue (75%)



- 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 59FEBF 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 59FEBF by changing the saturation by 10% instead.



 59FEBF

 59FEBF

FFFFFF

 31E1A4

 9AFF7

 00C489

 B9FFFF

 00A870

 D8FFFF

 008D57

 F8FFFF

 007240

 005929

 003F14

 002800

 000100

 59FEBF

 59FEBF

 40FEB5

 72FEC9

 26FEAC

 8CFED2

 0DFEA2

 A5FEDC

 00FE9D

 BFFEE6

 D8FEEF

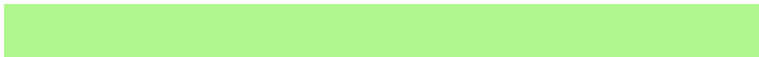
 F1FEF9

FFFEFF

# Harmonies

## Analogous

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



AFF68C



59FEBF



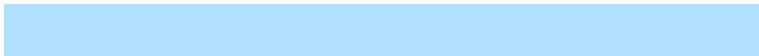
00FFFA

# Triad

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



59FEBF



B1E1FF



FFC098

# Complementary

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



59FEBF



FE5998

# 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.



FFB4CD



59FEBF



FFCBFF

# Square

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



59FEBF



00F2FF



FFB8FF



FFD475

# Rectangle

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



59FEBF



00FFFF



FFB8FF



FFBAA8

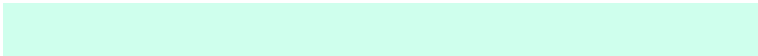


# Sweetspot

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



59FEBF



CFF FED



98FE59



628074



000000



808080



# Same Dimension

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



59FEBF



38FFB3



59EBFE



73807B



00BF76



004027



# Inverse Universe

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



FE5998



FF3884



FE6C59



807378



BF0049

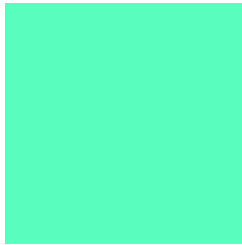


400018



# Previews

## White Background



This preview shows how the Hex color 59FEBF looks on a white background.

## Color Contrast Check

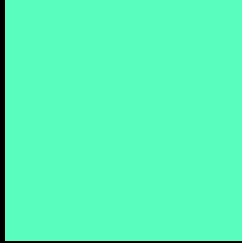
Large Text (above 18pt) WCAG AA × Fail

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 59FEBF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

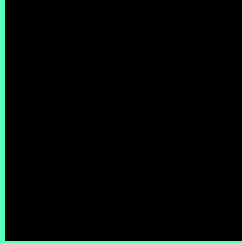
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59FEBF Background



This preview shows how black text looks on a background with the Hex color 59FEBF.

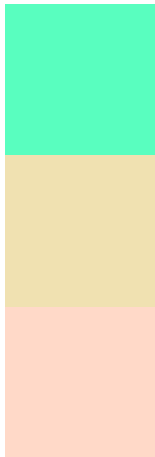


This preview shows how white text looks on a background with the Hex color 59FEBF.

# 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](#).

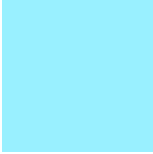
## Dichromacy



**Original Color**  
59FEBF

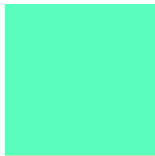
**Protanopia**  
F0E1B1

**Deuteranopia**  
FFD9C8



**Tritanopia**  
99F0FF

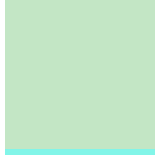
# Trichromacy



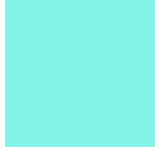
**Original Color**  
59FEBF



**Protanomaly**  
B9ECB6



**Deuteranomaly**  
C3E6C5

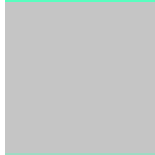


**Tritanomaly**  
82F5E8

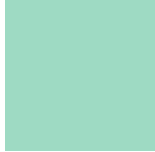
# Monochromacy



**Original Color**  
59FEBF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
9EDAC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59FEBF 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 #59FEBF looks like.

```
.text, #text, p{  
    color:#59FEBF  
}
```

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 #59FEBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59FEBF
}
```

## Border

The CSS property to change the border of an element to Hex 59FEBF 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
#59FEBF }
```

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

```
.border{ border-color:#59FEBF }
```

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

Here you see how a box with a 4 pixel #59FEBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59FEBF; -webkit-box-shadow:4px 4px  
4px 4px #59FEBF; box-shadow:4px 4px 4px  
4px #59FEBF }
```

# Background

The CSS property to change the background color of an element to Hex 59FEBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59FEBF }
```

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

```
.background{ background-color:#59FEBF }
```

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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