

Converting Colors

Hex(59FFEB)

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

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Color

Hex(59FFEB)

Conversions

Conversions Part 1

Format	Color
Hex	59FFEB
RGB	89, 255, 235
RGB Percent	35%, 100%, 92%
CMY	0.6510, 0.0000, 0.0784
CMYK	0.65, 0.00, 0.08, 0.00
HSL	173°, 100%, 67%
HSV	173°, 65%, 100%
XYZ	54.8752, 79.6420, 91.0775
YIQ	203.0860, -92.5160, -41.4120

Conversions

Conversions Part 2

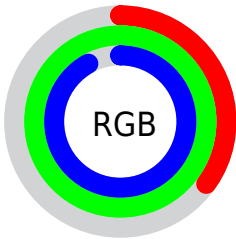
Format	Color
RYB	89, 177, 255
Decimal	5898219
CIELab	91.52, -47.12, -3.06
CIELCh	92, 47.223, 183.712
Yxy	79.6420, 0.2432, 0.3530
Android (android.graphics.Color)	4284088299 (0xFF59FFEB)
YUV	203.0860, 15.7336, -100.0534
Hunter-Lab	89.2424, -46.4143, 1.9605

Details

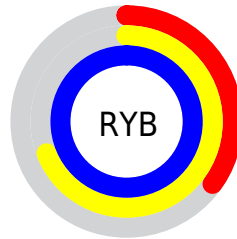
The Hex color **59FFEB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF596D**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **9CFFFF**, and **00C5B3** is the 20% darker color. If you saturate the color by 10%, you get **40FFE8**, and if you desaturate by 10%, it is **73FFEE**.

Distribution



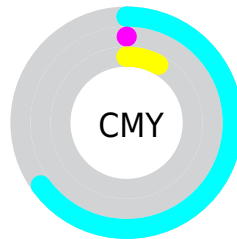
- Red (35%)
- Green (100%)
- Blue (92%)



- Red (35%)
- Yellow (69%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59FFEB 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 59FFEB by changing the saturation by 10% instead.

 59FFEB

 59FFEB

FFFFFF

 2EE2CF

 9CFFFF

 00C5B3

 BCFFFF

 00AA99

 DBFFFF

 008F7F

 FBFFFF

 007466

 005B4E

 004237

 002C22

 000B0D

 59FFEB

 59FFEB

 40FFE8

 73FFEE

 26FFE5

 8CFFF1

 0DFFE2

 A6FFF4

 00FEE0

 BFFFF7

 D9FFFA

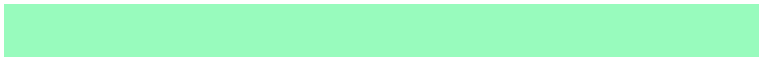
 F2FFFD

FFFFFF

Harmonies

Analogous

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



98FBBD



59FFEB



1FFDFF

Triad

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



59FFEB



F3D9FF



FFD696

Complementary

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



59FFEB



FF596D

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.



FFC8B7



59FFEB



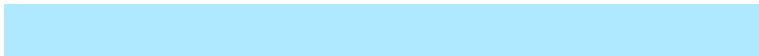
FFCAFF

Square

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



59FFEB



AEE9FF



FFC3E3



FFE68B

Rectangle

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



59FFEB



42F9FF



FFC3E3



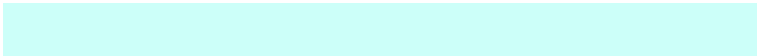
FFD19F

Sweetspot

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



59FFEB



CCFFF9



6FFF59



61807C



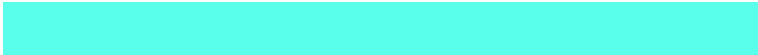
000000



808080

Same Dimension

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



59FFEB



38FFE7



59C2FF



73807E



00BFA8



004038

Inverse Universe

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



FF596D



FF3850



FF9659



807374



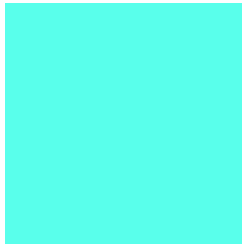
BF0017



400008

Previews

White Background



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

Color Contrast Check

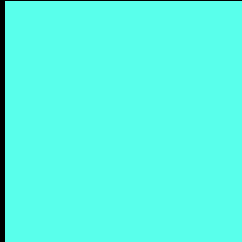
Large Text (above 18pt) WCAG AA × Fail

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 59FFEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

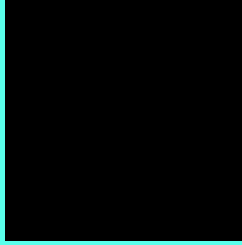
Any Text WCAG AA ✓ Pass

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 59FFEB Background



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

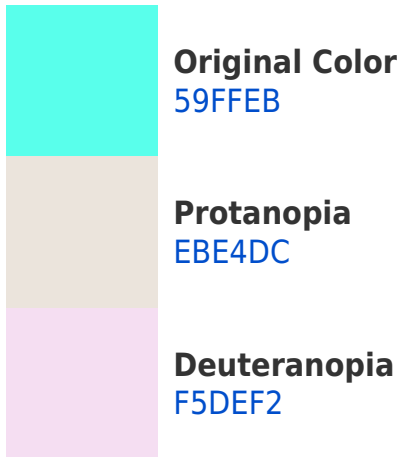


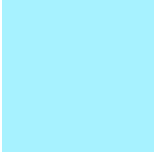
This preview shows how white text looks on a background with the Hex color 59FFEB.

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



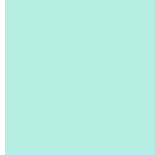


Tritanopia
A7F2FF

Trichromacy



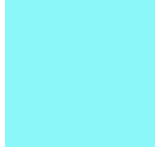
Original Color
59FFEB



Protanomaly
B6EEE1



Deuteranomaly
BCEAEF

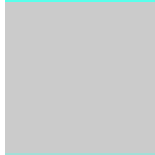


Tritanomaly
8BF7F8

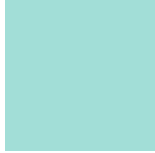
Monochromacy



Original Color
59FFEB



Achromatopsia
CBCBCB



Achromatomaly
A2DED7

CSS Examples

Text

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

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

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 #59FFEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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