

# Converting Colors

Hex(59FCEE)

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

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

# Color

Hex(59FCEE)

# Conversions

## Conversions Part 1

Format	Color
Hex	59FCEE
RGB	89, 252, 238
RGB Percent	35%, 99%, 93%
CMY	0.6510, 0.0118, 0.0667
CMYK	0.65, 0.00, 0.06, 0.01
HSL	175°, 96%, 67%
HSV	175°, 65%, 99%
XYZ	54.3628, 77.9177, 93.0633
YIQ	201.6670, -92.6540, -38.9100

# Conversions

## Conversions Part 2

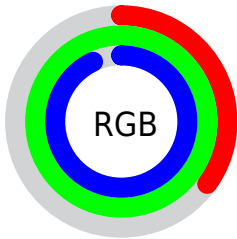
Format	Color
<a href="#">RYB</a>	<a href="#">89, 174, 252</a>
Decimal	<a href="#">5897454</a>
CIELab	<a href="#">90.74, -45.06, -5.76</a>
CIElCh	<a href="#">91, 45.422, 187.291</a>
Yxy	<a href="#">77.9177, 0.2412, 0.3458</a>
Android (android.graphics.Color)	<a href="#">4284087534</a> ( <a href="#">0xFF59FCEE</a> )
YUV	<a href="#">201.6670, 17.9122, -98.8090</a>
Hunter-Lab	<a href="#">88.2710, -44.5427, -0.7192</a>

# Details

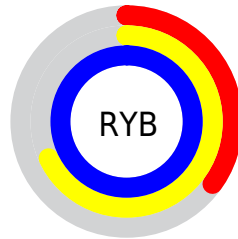
The Hex color **59FCEE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FC5967**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **9CFFFF**, and **00C3B6** is the 20% darker color. If you saturate the color by 10%, you get **40FCEC**, and if you desaturate by 10%, it is **72FCF0**.

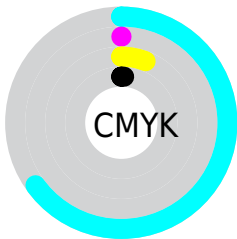
# Distribution



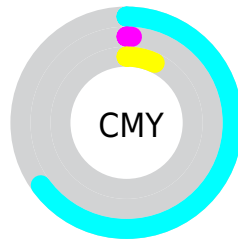
- Red (35%)
- Green (99%)
- Blue (93%)



- Red (35%)
- Yellow (68%)
- Blue (99%)



- Cyan (65%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (65%)
- Magenta (1%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 59FCEE

 59FCEE

FFFFFF

 2EDFD2

 9CFFFF

 00C3B6

 BCFFFF

 00A79B

 DBFFFF

 008C81

 FAFFFF

 007268

 005850

 00403A

 002A24

 000610

 59FCEE

 59FCEE

 40FCEC

 72FCF0

 27FCEA

 8BFCE2

 0DFCE8

 A5FCF4

 00FCE6

 BEFCF7

 D7FCF9

 F0FCFB

 FFFCFD

 FFFCFF

# Harmonies

## Analogous

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



93F9C1



59FCEE



36FAFF

# Triad

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



59FCEE



F8D5FF



FFD695

# Complementary

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



59FCEE



FC5967

# 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.



FFC9B2



59FCEE



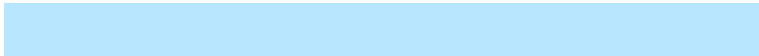
FFC8FF

# Square

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



59FCEE



B8E5FF



FFC3DB



F7E58D

# Rectangle

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



59FCEE



56F5FF



FFC3DB



FFD19D

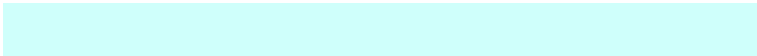


# Sweetspot

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



59FCEE



CFFFFB



69FC59



62807D



000000



808080



# Same Dimension

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



59FCEE



38FFEE



59BBFC



707D7C



00BDAC



003D38



# Inverse Universe

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



FC5967



FF3849



FC9A59



7D7072



BD0010

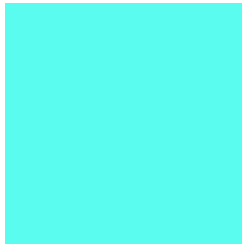


3D0005



# Previews

## White Background



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

## Color Contrast Check

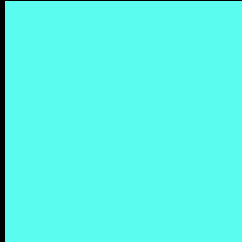
Large Text (above 18pt) WCAG AA × Fail

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 59FCEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

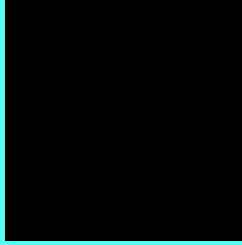
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59FCEE Background



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

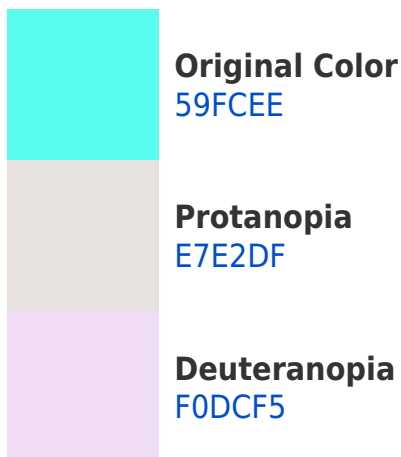


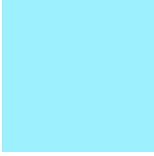
This preview shows how white text looks on a background with the Hex color 59FCEE.

# 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



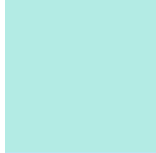


**Tritanopia**  
9DF1FF

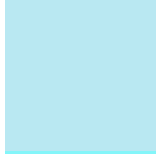
# Trichromacy



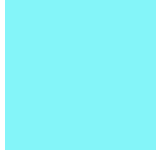
**Original Color**  
59FCEE



**Protanomaly**  
B3EBE4

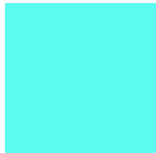


**Deuteranomaly**  
B9E8F2

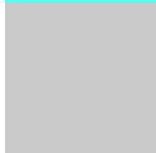


**Tritanomaly**  
84F5F9

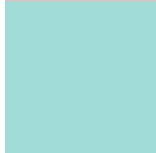
# Monochromacy



**Original Color**  
59FCEE



**Achromatopsia**  
CACACA



**Achromatomaly**  
A1DCD7

# CSS Examples

## Text

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

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

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 #59FCEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor