

Converting Colors

Hex(59E4CB)

Have a look what the booklet for
Hex(59E4CB) contains.

Hex(59E4CB)	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(59E4CB)

Conversions

Conversions Part 1

Format	Color
Hex	59E4CB
RGB	89, 228, 203
RGB Percent	35%, 89%, 80%
CMY	0.6510, 0.1059, 0.2039
CMYK	0.61, 0.00, 0.11, 0.11
HSL	169°, 72%, 62%
HSV	169°, 61%, 89%
XYZ	42.6427, 61.9224, 66.2046
YIQ	183.5890, -74.8190, -37.2430

Conversions

Conversions Part 2

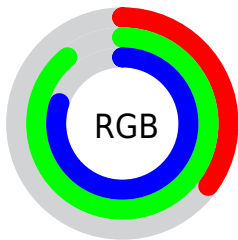
Format	Color
RYB	89, 165, 228
Decimal	5891275
CIELab	82.87, -43.40, 1.03
CIELCh	83, 43.415, 178.636
Yxy	61.9224, 0.2497, 0.3626
Android (android.graphics.Color)	4284081355 (0xFF59E4CB)
YUV	183.5890, 9.5696, -82.9546
Hunter-Lab	78.6908, -40.9794, 5.2014

Details

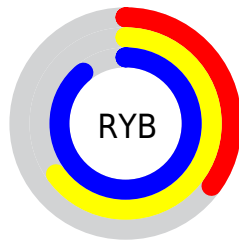
The Hex color **59E4CB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E45972**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **98FFFF**, and **00AC95** is the 20% darker color. If you saturate the color by 10%, you get **42E4C7**, and if you desaturate by 10%, it is **70E4CF**.

Distribution



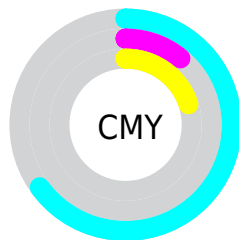
- Red (35%)
- Green (89%)
- Blue (80%)



- Red (35%)
- Yellow (65%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59E4CB 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 59E4CB by changing the saturation by 10% instead.

 59E4CB

 59E4CB

FFFFFF

 35C8B0

 98FFFF

 00AC95

 B6FFFF

 00917B

 D4FFFF

 007662

 F3FFFF

 005D4B

 004434

 002D1F

 001207

 000000

 59E4CB

 59E4CB

 42E4C7

 70E4CF

 2BE4C3

 87E4D3

 15E4BF

 9DE4D7

 00E4BB

 B4E4DB

 CBE4E0

 E2E4E4

 F9E4E8

 FFE4EC

 FFE4F0

Harmonies

Analogous

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



90E0A3



59E4CB



1EE3F4

Triad

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



59E4CB



D0C4FF



FFBD8A

Complementary

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



59E4CB



E45972

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.



FFB2A9



59E4CB



FFB6F9

Square

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



59E4CB



90D3FF



FFAFD2



EBCB7C

Rectangle

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



59E4CB



2EE0FF



FFAFD2



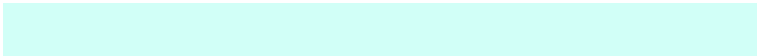
FFB993

Sweetspot

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



59E4CB



D1FFF7



72E459



63807A



000000



808080

Same Dimension

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



59E4CB



45FFDE



59B8E4



677371



00B392



00332A

Inverse Universe

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



E45972



FF4566



E48559



736769



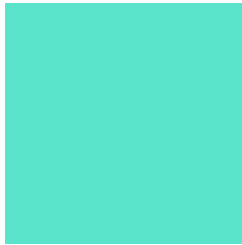
B30020



330009

Previews

White Background



This preview shows how the Hex color 59E4CB looks on a white background.

Color Contrast Check

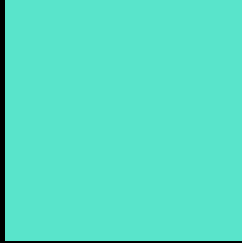
Large Text (above 18pt) WCAG AA × Fail

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 59E4CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

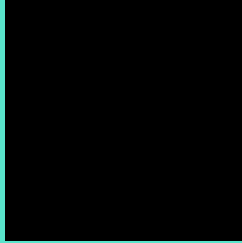
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

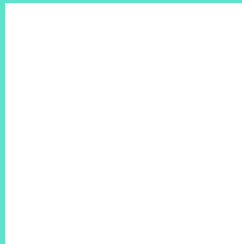
Any Text WCAG AAA ✓ Pass

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

Hex 59E4CB Background



This preview shows how black text looks on a background with the Hex color 59E4CB.

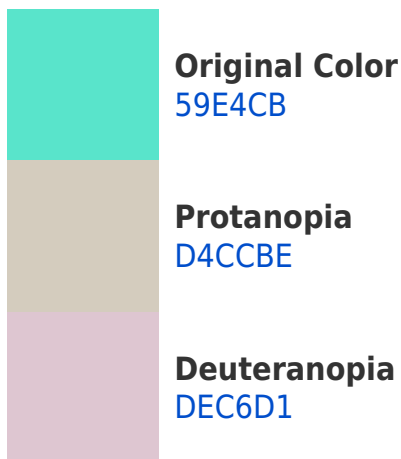


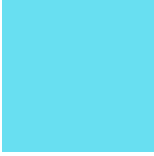
This preview shows how white text looks on a background with the Hex color 59E4CB.

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



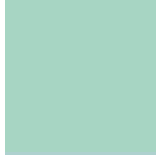


Tritanopia
68DFF1

Trichromacy



Original Color
59E4CB



Protanomaly
A7D5C3



Deuteranomaly
AED1CF

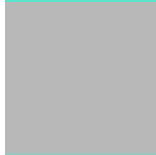


Tritanomaly
63E1E3

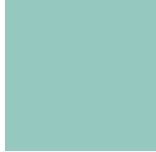
Monochromacy



Original Color
59E4CB



Achromatopsia
B8B8B8



Achromatomaly
95C8BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 59E4CB 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 #59E4CB looks like.

```
.text, #text, p{  
    color:#59E4CB  
}
```

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 #59E4CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E4CB  
}
```

Border

The CSS property to change the border of an element to Hex 59E4CB 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  
#59E4CB }
```

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

```
.border{ border-color:#59E4CB }
```

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

Here you see how a box with a 4 pixel #59E4CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E4CB; -webkit-box-shadow:4px 4px  
4px 4px #59E4CB; box-shadow:4px 4px 4px  
4px #59E4CB }
```

Background

The CSS property to change the background color of an element to Hex 59E4CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E4CB }
```

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

```
.background{ background-color:#59E4CB }
```

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