

Converting Colors

Hex(59C7CB)

Have a look what the booklet for
Hex(59C7CB) contains.

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Color

Hex(59C7CB)

Conversions

Conversions Part 1

Format	Color
Hex	59C7CB
RGB	89, 199, 203
RGB Percent	35%, 78%, 80%
CMY	0.6510, 0.2196, 0.2039
CMYK	0.56, 0.02, 0.00, 0.20
HSL	182°, 52%, 57%
HSV	182°, 56%, 80%
XYZ	35.3227, 47.2825, 63.7646
YIQ	166.5660, -66.8440, -22.0760

Conversions

Conversions Part 2

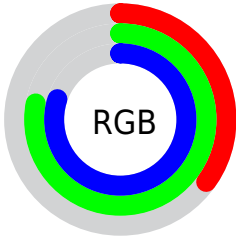
Format	Color
R _Y B	89, 145, 203
Decimal	5883851
CIE Lab	74.37, -30.05, -11.52
CIE LCh	74, 32.178, 200.974
Yxy	47.2825, 0.2413, 0.3230
Android (android.graphics.Color)	4284073931 (0xFF59C7CB)
YUV	166.5660, 17.9620, -68.0254
Hunter-Lab	68.7623, -28.6396, -6.8472

Details

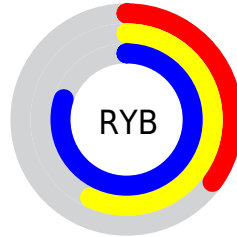
The Hex color **59C7CB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CB5D59**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **95FFFF**, and **029195** is the 20% darker color. If you saturate the color by 10%, you get **45C6CB**, and if you desaturate by 10%, it is **6DC8CB**.

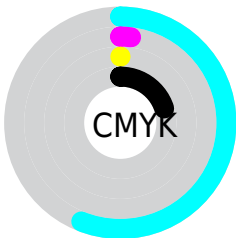
Distribution



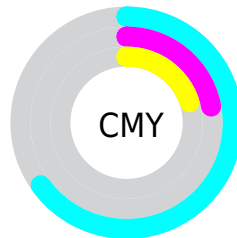
- Red (35%)
- Green (78%)
- Blue (80%)



- Red (35%)
- Yellow (57%)
- Blue (80%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C7CB 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 59C7CB by changing the saturation by 10% instead.

 59C7CB

 59C7CB

FFFFFF

 38ABB0


 95FFFF

 029195

 B2FFFF

 00777B

 D0FFFF

 005E62

 EEEFFF

 00454B

 002E34

 00191F

 000004

 000000

 59C7CB

 59C7CB

 45C6CB

 6DC8CB

 30C6CB

 82C8CB

 1CC5CB

 96C9CB

 08C4CB

 AACACB

 00C4CB

 BFCBCB

 D3CBCB

 E7CCCB

 FBCDCB

 FFCDCB

Harmonies

Analogous

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



72C7AD



59C7CB



5EC4E4

Triad

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



59C7CB



D4A8DC



D4B27D

Complementary

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



59C7CB



CB5D59

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.



E9A88A



59C7CB



EBA2C1

Square

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



59C7CB



AFB2EE



F2A2A3



B6BC7F

Rectangle

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



59C7CB



75BFEE



F2A2A3



DCAF80

Sweetspot

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



59C7CB



D4FDFD



59CB5D



667F80



000000



808080

Same Dimension

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



59C7CB



54F9FF



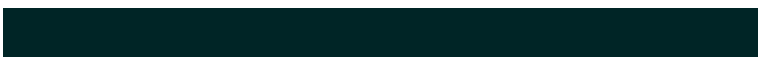
598ECB



5C6666



00A0A6



002526

Inverse Universe

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



CB59C7



FF54F9



CB9659



665C66



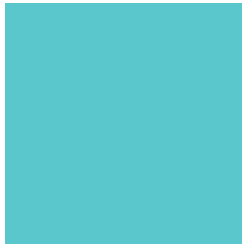
A600A0



260025

Previews

White Background



This preview shows how the Hex color 59C7CB 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 59C7CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

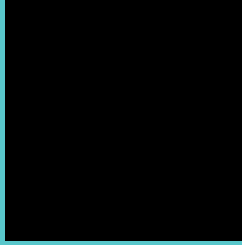
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

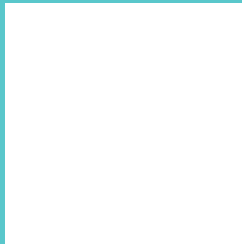
Any Text WCAG AAA ✓ Pass

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

Hex 59C7CB Background



This preview shows how black text looks on a background with the Hex color 59C7CB.

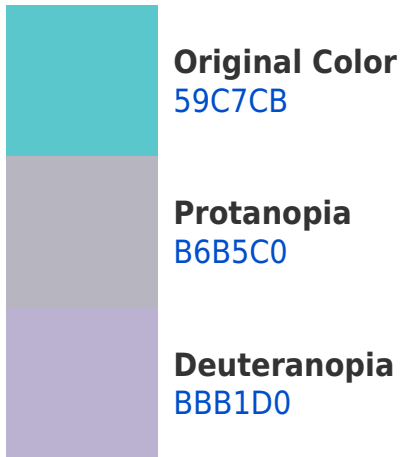


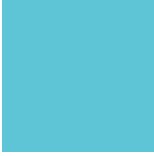
This preview shows how white text looks on a background with the Hex color 59C7CB.

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





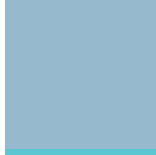
Trichromacy



Original Color
59C7CB



Protanomaly
94BCC4



Deuteranomaly
97B9CE

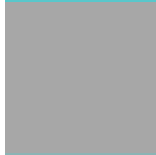


Tritanomaly
5CC6D1

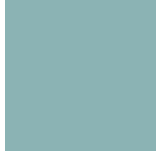
Monochromacy



Original Color
59C7CB



Achromatopsia
A7A7A7



Achromatomaly
8BB3B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 59C7CB 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 #59C7CB looks like.

```
.text, #text, p{  
    color:#59C7CB  
}
```

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 #59C7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C7CB
}
```

Border

The CSS property to change the border of an element to Hex 59C7CB 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
#59C7CB }
```

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

```
.border{ border-color:#59C7CB }
```

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

Here you see how a box with a 4 pixel #59C7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C7CB; -webkit-box-shadow:4px 4px  
4px 4px #59C7CB; box-shadow:4px 4px 4px  
4px #59C7CB }
```

Background

The CSS property to change the background color of an element to Hex 59C7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C7CB }
```

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

```
.background{ background-color:#59C7CB }
```

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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