

Converting Colors

Hex(59C7B0)

Have a look what the booklet for
Hex(59C7B0) contains.

| | |
|--|----|
| Hex(59C7B0) | 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(59C7B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59C7B0 |
| RGB | 89, 199, 176 |
| RGB Percent | 35%, 78%, 69% |
| CMY | 0.6510, 0.2196, 0.3098 |
| CMYK | 0.55, 0.00, 0.12, 0.22 |
| HSL | 167°, 50%, 56% |
| HSV | 167°, 55%, 78% |
| XYZ | 32.3797, 46.1053, 48.2669 |
| YIQ | 163.4880, -58.1770, -30.4730 |

Conversions

Conversions Part 2

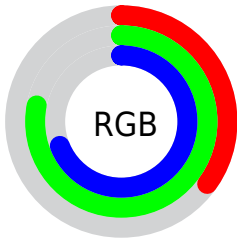
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 89, 150, 199 |
| Decimal | 5883824 |
| CIELab | 73.61, -37.06, 2.01 |
| CIElCh | 74, 37.115, 176.895 |
| Yxy | 46.1053, 0.2555, 0.3637 |
| Android (android.graphics.Color) | 4284073904 (0xFF59C7B0) |
| YUV | 163.4880, 6.1684, -65.3260 |
| Hunter-Lab | 67.9009, -33.7057, 5.3847 |

Details

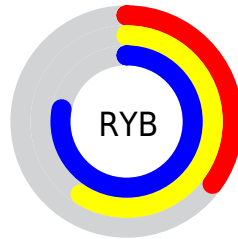
The Hex color **59C7B0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C75970**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **93FFE8**, and **0E907C** is the 20% darker color. If you saturate the color by 10%, you get **45C7AC**, and if you desaturate by 10%, it is **6DC7B4**.

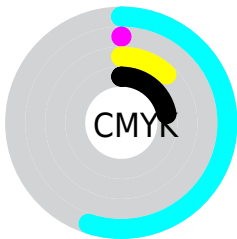
Distribution



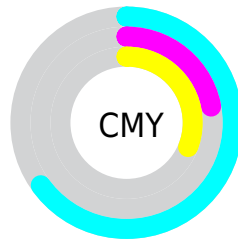
- Red (35%)
- Green (78%)
- Blue (69%)



- Red (35%)
- Yellow (59%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C7B0 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 59C7B0 by changing the saturation by 10% instead.

 59C7B0

 59C7B0

FFFFFF

 3AAB95

 93FFE8

 0E907C

 B0FFFF

 007663

 CEFFFF

 005D4B

 EBFFFF

 004534

 002D1F

 001508

 000000

 59C7B0

 59C7B0

■ 45C7AC

■ 6DC7B4

■ 31C7A8

■ 81C7B8

■ 1DC7A4

■ 95C7BC

■ 09C79F

■ A9C7C1

■ 00C79D

■ BDC7C5

■ D0C7C9

■ E4C7CD

■ F8C7D1

■ FFC7D5

Harmonies

Analogous

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



84C38F



59C7B0



35C7D2

Triad

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



59C7B0



B4ADF1



EAA67D

Complementary

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



59C7B0



C75970

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.



F79D98



59C7B0



DDA2DB

Square

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



59C7B0



7FB9F8



F39BBA



CFB271

Rectangle

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



59C7B0



3BC4E6



F39BBA



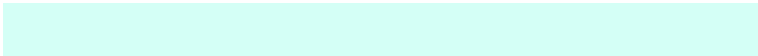
F0A285

Sweetspot

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



59C7B0



D4FFF6



71C759



66807A



000000



808080

Same Dimension

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



59C7B0



57FFDC



59A8C7



5A6361



00A381



00241C

Inverse Universe

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



C75970



FF577A



C77859



635A5C



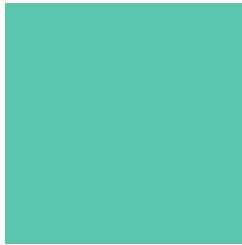
A30022



240007

Previews

White Background



This preview shows how the Hex color 59C7B0 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 59C7B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

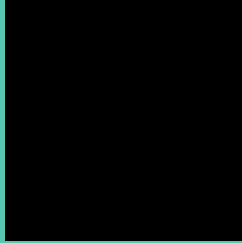
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

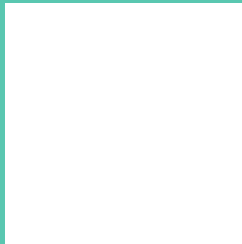
Any Text WCAG AAA ✓ Pass

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

Hex 59C7B0 Background



This preview shows how black text looks on a background with the Hex color 59C7B0.

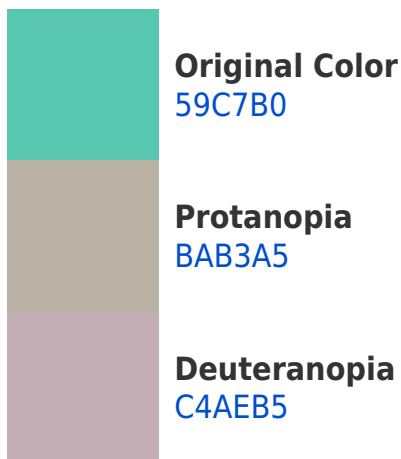


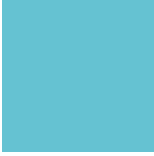
This preview shows how white text looks on a background with the Hex color 59C7B0.

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
65C2D2

Trichromacy



Original Color
59C7B0



Protanomaly
97BAA9



Deuteranomaly
9DB7B3



Tritanomaly
61C4C6

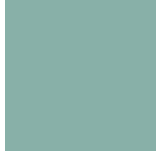
Monochromacy



Original Color
59C7B0



Achromatopsia
A3A3A3



Achromatomaly
88B0A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 59C7B0 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 #59C7B0 looks like.

```
.text, #text, p{  
    color:#59C7B0  
}
```

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 #59C7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C7B0
}
```

Border

The CSS property to change the border of an element to Hex 59C7B0 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
#59C7B0 }
```

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

```
.border{ border-color:#59C7B0 }
```

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

Here you see how a box with a 4 pixel #59C7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C7B0; -webkit-box-shadow:4px 4px  
4px 4px #59C7B0; box-shadow:4px 4px 4px  
4px #59C7B0 }
```

Background

The CSS property to change the background color of an element to Hex 59C7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C7B0 }
```

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

```
.background{ background-color:#59C7B0 }
```

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