

Converting Colors

Hex(5CB7AC)

Have a look what the booklet for
Hex(5CB7AC) contains.

| | |
|--|----|
| Hex(5CB7AC) | 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(5CB7AC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CB7AC |
| RGB | 92, 183, 172 |
| RGB Percent | 36%, 72%, 67% |
| CMY | 0.6392, 0.2824, 0.3255 |
| CMYK | 0.50, 0.00, 0.06, 0.28 |
| HSL | 173°, 39%, 54% |
| HSV | 173°, 50%, 72% |
| XYZ | 28.7935, 39.1208, 45.0632 |
| YIQ | 154.5370, -50.7050, -22.7130 |

Conversions

Conversions Part 2

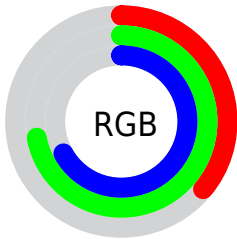
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 92, 140, 183 |
| Decimal | 6076332 |
| CIELab | 68.84, -29.88, -2.77 |
| CIELCh | 69, 30.006, 185.299 |
| Yxy | 39.1208, 0.2549, 0.3463 |
| Android (android.graphics.Color) | 4284266412 (0xFF5CB7AC) |
| YUV | 154.5370, 8.6093, -54.8449 |
| Hunter-Lab | 62.5467, -27.2837, 1.0658 |

Details

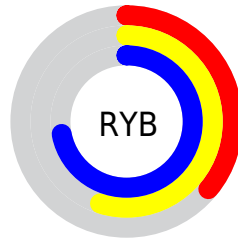
The Hex color **5CB7AC** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B75C67**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **94EFE3**, and **1E8278** is the 20% darker color. If you saturate the color by 10%, you get **4AB7AA**, and if you desaturate by 10%, it is **6EB7AE**.

Distribution



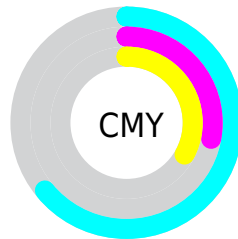
- Red (36%)
- Green (72%)
- Blue (67%)



- Red (36%)
- Yellow (55%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB7AC 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 5CB7AC by changing the saturation by 10% instead.

 5CB7AC

 5CB7AC

FFFFFF

 3F9C91

 94EFE3

 1E8278

 B1FFFF

 00685F

 CEFFFF

 004F48

 EBFFFF

 003831

 00231C

 000002

 000000

 5CB7AC

 5CB7AC

 4AB7AA

 6EB7AE

 37B7A8

 81B7B0

 25B7A5

 93B7B3

 13B7A3

 A5B7B5

 01B7A1

 B8B7B7

 00B7A1

 CAB7B9

 DCB7BB

 EEB7BE

 FFB7C0

Harmonies

Analogous

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



79B590



5CB7AC



50B6C6

Triad

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



5CB7AC



B29FD4



CE9F77

Complementary

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



5CB7AC



B75C67

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.



DC978A



5CB7AC



CF97BF

Square

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



5CB7AC



8CA9DE



DD94A4



B6A872

Rectangle

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



5CB7AC



5BB3D4



DD94A4



D49C7C

Sweetspot

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



5CB7AC



CAEDE9



68B75C



627875



F7F7F7



787878

Same Dimension

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



5CB7AC



5FEDDC



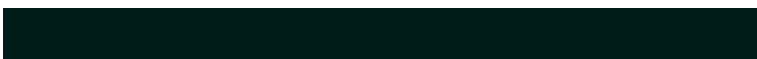
5C96B7



535C5B



009C89



001C19

Inverse Universe

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



B75C67



ED5F70



B77D5C



5C5354



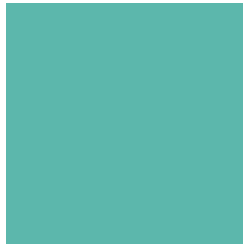
9C0013



1C0003

Previews

White Background



This preview shows how the Hex color 5CB7AC looks on a white background.

Color Contrast Check

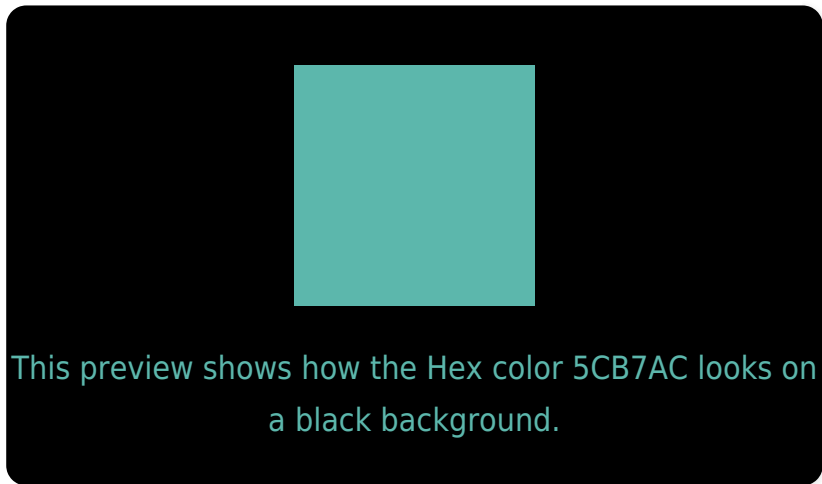
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

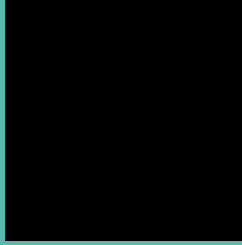
Any Text WCAG AA ✓ Pass

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 5CB7AC Background



This preview shows how black text looks on a background with the Hex color 5CB7AC.

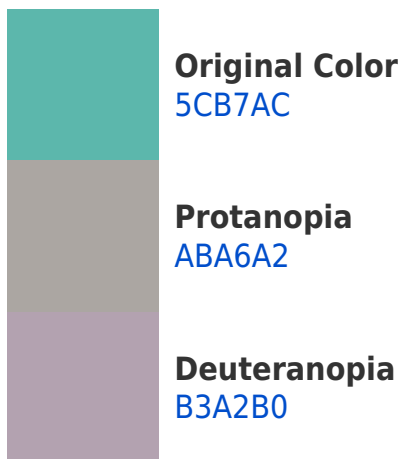


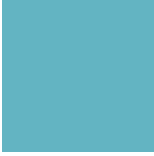
This preview shows how white text looks on a background with the Hex color 5CB7AC.

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](#).

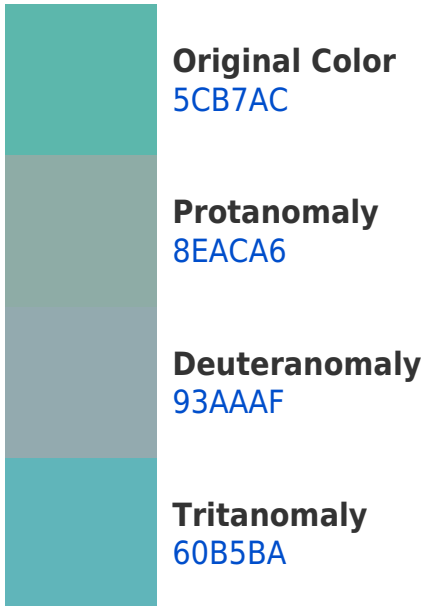
Dichromacy



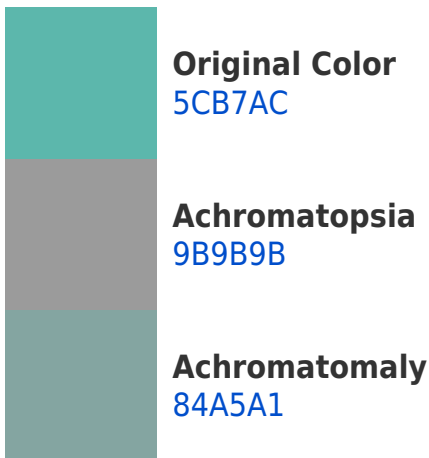


Tritanopia
63B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB7AC 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 #5CB7AC looks like.

```
.text, #text, p{  
    color:#5CB7AC  
}
```

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 #5CB7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB7AC
}
```

Border

The CSS property to change the border of an element to Hex 5CB7AC 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
#5CB7AC }
```

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

```
.border{ border-color:#5CB7AC }
```

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

Here you see how a box with a 4 pixel #5CB7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB7AC; -webkit-box-shadow:4px 4px  
4px 4px #5CB7AC; box-shadow:4px 4px 4px  
4px #5CB7AC }
```

Background

The CSS property to change the background color of an element to Hex 5CB7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB7AC }
```

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

```
.background{ background-color:#5CB7AC }
```

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