

Converting Colors

Hex(5CA8A7)

Have a look what the booklet for
Hex(5CA8A7) contains.

Hex(5CA8A7)	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(5CA8A7)

Conversions

Conversions Part 1

Format	Color
Hex	5CA8A7
RGB	92, 168, 167
RGB Percent	36%, 66%, 65%
CMY	0.6392, 0.3412, 0.3451
CMYK	0.45, 0.00, 0.01, 0.34
HSL	179°, 30%, 51%
HSV	179°, 45%, 66%
XYZ	25.3913, 33.0706, 41.6042
YIQ	145.1620, -44.9750, -16.4230

Conversions

Conversions Part 2

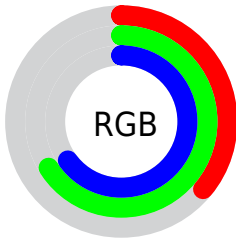
Format	Color
RYB	92, 130, 168
Decimal	6072487
CIELab	64.22, -23.75, -6.82
CIElCh	64, 24.706, 196.031
Yxy	33.0706, 0.2537, 0.3305
Android (android.graphics.Color)	4284262567 (0xFF5CA8A7)
YUV	145.1620, 10.7661, -46.6231
Hunter-Lab	57.5070, -21.8235, -2.6392

Details

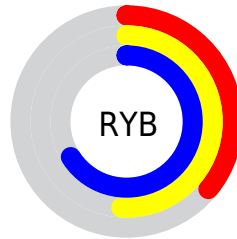
The Hex color **5CA8A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A85C5D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **93DFDE**, and **227473** is the 20% darker color. If you saturate the color by 10%, you get **4BA8A7**, and if you desaturate by 10%, it is **6DA8A7**.

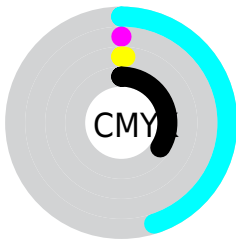
Distribution



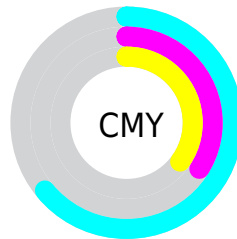
- Red (36%)
- Green (66%)
- Blue (65%)



- Red (36%)
- Yellow (51%)
- Blue (66%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA8A7 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 5CA8A7 by changing the saturation by 10% instead.



5CA8A7



5CA8A7

FFFFFF



408D8D



93DFDE



227473



AFFCFB



005B5B



CCFFFF



004343



E9FFFF



002C2D



001819



000000



5CA8A7



5CA8A7



4BA8A7



6DA8A7

3AA8A7

7EA8A7

2AA8A6

8EA8A8

19A8A6

9FA8A8

08A8A6

B0A8A8

00A8A6

C1A8A8

D2A8A9

E2A8A9

F3A8A9

Harmonies

Analogous

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



6EA790



5CA8A7



5CA6BB

Triad

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



5CA8A7



AE92BA



B59771

Complementary

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



5CA8A7



A85C5D

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.



C4907D



5CA8A7



C18DA7

Square

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



5CA8A7



919AC6



C88C90



9F9E71

Rectangle

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



5CA8A7



69A3C3



C88C90



BB9474

Sweetspot

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



5CA8A7



BDDDBD



5DA85C



5B6E6D



EDEDED



6E6E6E

Same Dimension

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



5CA8A7



65DBDA



5C83A8



4C5454



009492



001414

Inverse Universe

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



A85C5D



DB6566



A8815C



544C4C



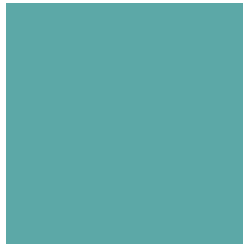
940002



140000

Previews

White Background



This preview shows how the Hex color 5CA8A7 looks on a white background.

Color Contrast Check

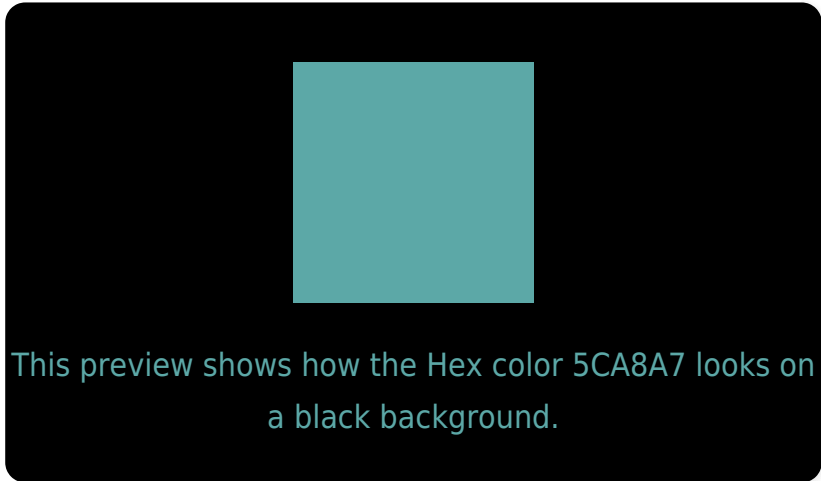
Large Text (above 18pt) WCAG AA × Fail

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

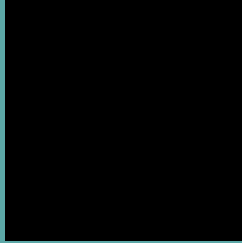
Any Text WCAG AA ✓ Pass

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 5CA8A7 Background



This preview shows how black text looks on a background with the Hex color 5CA8A7.

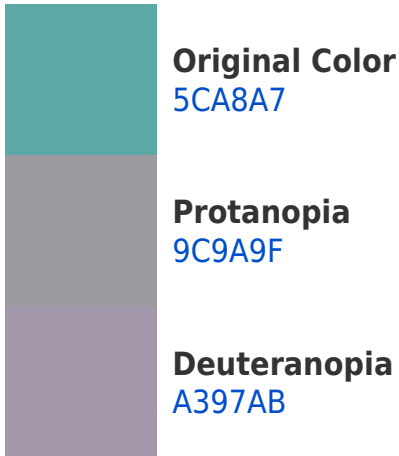


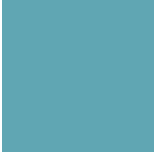
This preview shows how white text looks on a background with the Hex color 5CA8A7.

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](#).

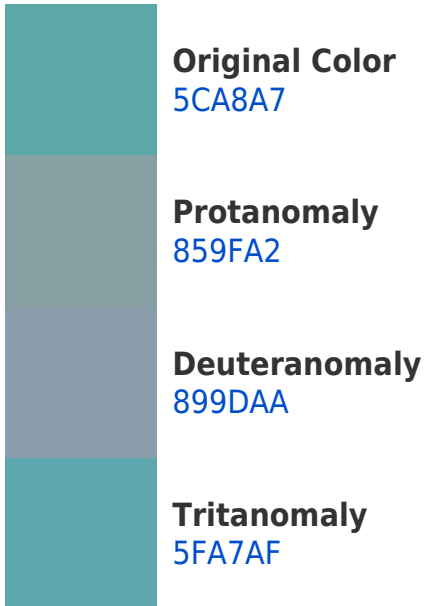
Dichromacy



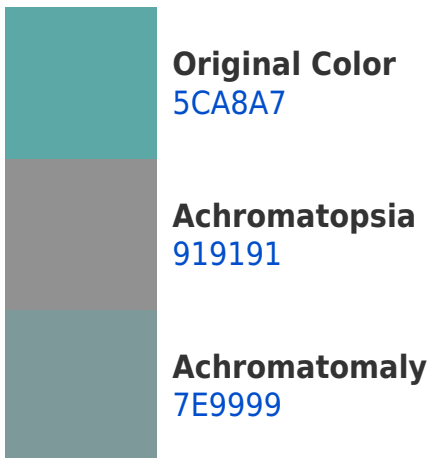


Tritanopia
60A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA8A7 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 #5CA8A7 looks like.

```
.text, #text, p{  
    color:#5CA8A7  
}
```

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 #5CA8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA8A7
}
```

Border

The CSS property to change the border of an element to Hex 5CA8A7 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
#5CA8A7 }
```

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

```
.border{ border-color:#5CA8A7 }
```

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

Here you see how a box with a 4 pixel #5CA8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA8A7; -webkit-box-shadow:4px 4px  
4px 4px #5CA8A7; box-shadow:4px 4px 4px  
4px #5CA8A7 }
```

Background

The CSS property to change the background color of an element to Hex 5CA8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA8A7 }
```

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

```
.background{ background-color:#5CA8A7 }
```

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