

# Converting Colors

Hex(5CA8AB)

Have a look what the booklet for  
Hex(5CA8AB) contains.

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**Color**

**Hex(5CA8AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA8AB
RGB	92, 168, 171
RGB Percent	36%, 66%, 67%
CMY	0.6392, 0.3412, 0.3294
CMYK	0.46, 0.02, 0.00, 0.33
HSL	182°, 32%, 52%
HSV	182°, 46%, 67%
XYZ	25.7670, 33.2208, 43.5823
YIQ	145.6180, -46.2590, -15.1790

# Conversions

## Conversions Part 2

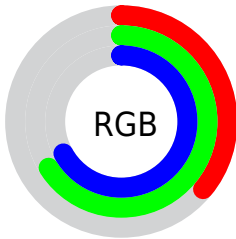
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 131, 171
Decimal	6072491
CIE <sub>Lab</sub>	64.34, -22.69, -8.88
CIE <sub>LCh</sub>	64, 24.363, 201.371
Yxy	33.2208, 0.2512, 0.3239
Android (android.graphics.Color)	4284262571 (0xFF5CA8AB)
YUV	145.6180, 12.5133, -47.0230
Hunter-Lab	57.6375, -21.0670, -4.4855

# Details

The Hex color **5CA8AB** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB5F5C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **93DFE2**, and **227477** is the 20% darker color. If you saturate the color by 10%, you get **4BA7AB**, and if you desaturate by 10%, it is **6DA9AB**.

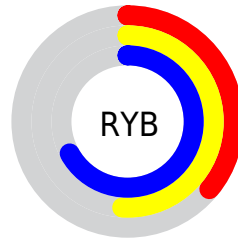
# Distribution



Red (36%)

Green (66%)

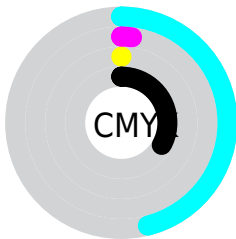
Blue (67%)



Red (36%)

Yellow (51%)

Blue (67%)

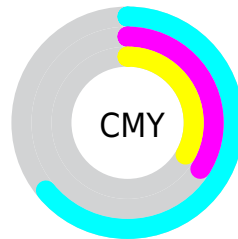


Cyan (46%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (64%)

Magenta (34%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA8AB 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 5CA8AB by changing the saturation by 10% instead.



■ 5CA8AB

■ 5CA8AB

FFFFFF

■ 408D91

■ 93DFE2

■ 227477

■ AFFCFF

■ 005B5E

■ CCFFFF

■ 004347

■ E9FFFF

■ 002C30

■ 00191B

■ 000000

■ 5CA8AB

■ 5CA8AB

■ 4BA7AB

■ 6DA9AB

3AA7AB

7EA9AB

29A6AB

8FAAAB

18A5AB

A0ABAB

06A5AB

B1ABAB

00A5AB

C3ACAB

D4ADAB

E5ADAB

F6AEAB

# Harmonies

## Analogous

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



6BA895



5CA8AB



60A5BD

# Triad

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



5CA8AB



B291B7



B29871

# Complementary

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



5CA8AB



AB5F5C

# 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.



C2917B



5CA8AB



C38DA3

# Square

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



5CA8AB



9799C4



C88D8D



9C9F73

# Rectangle

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



5CA8AB



6FA2C5



C88D8D



B89673



# Sweetspot

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



5CA8AB



BFDDDE



5CAB5F



5D6F70



F0F0F0



707070



# Same Dimension

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



5CA8AB



64D9DE



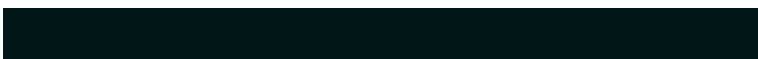
5C81AB



4E5657



009196



001617



# Inverse Universe

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



AB5CA8



DE64D9



AB865C



574E56



960091

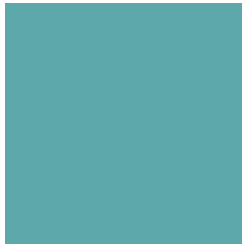


170016



# Previews

## White Background



This preview shows how the Hex color 5CA8AB looks on a white background.

## Color Contrast Check

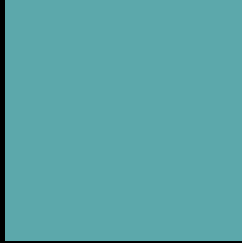
Large Text (above 18pt) WCAG AA × Fail

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 5CA8AB 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 5CA8AB Background



This preview shows how black text looks on a background with the Hex color 5CA8AB.

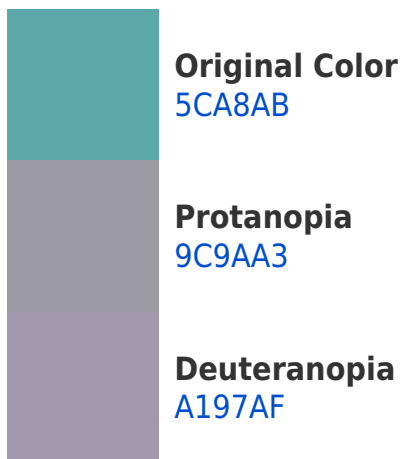


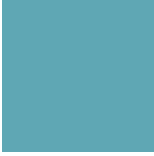
This preview shows how white text looks on a background with the Hex color 5CA8AB.

# 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**  
5FA7B4

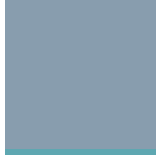
# Trichromacy



**Original Color**  
5CA8AB



**Protanomaly**  
859FA6



**Deuteranomaly**  
889DAE



**Tritanomaly**  
5EA7B1

# Monochromacy



**Original Color**  
5CA8AB



**Achromatopsia**  
929292



**Achromatomaly**  
7E9A9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA8AB 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 #5CA8AB looks like.

```
.text, #text, p{  
    color:#5CA8AB  
}
```

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 #5CA8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA8AB
}
```

## Border

The CSS property to change the border of an element to Hex 5CA8AB 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
#5CA8AB }
```

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

```
.border{ border-color:#5CA8AB }
```

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

Here you see how a box with a 4 pixel #5CA8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA8AB; -webkit-box-shadow:4px 4px  
4px 4px #5CA8AB; box-shadow:4px 4px 4px  
4px #5CA8AB }
```

# Background

The CSS property to change the background color of an element to Hex 5CA8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA8AB }
```

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

```
.background{ background-color:#5CA8AB }
```

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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