

# Converting Colors

Hex(58ABAA)

Have a look what the booklet for  
Hex(58ABAA) contains.

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# Color

**Hex(58ABAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58ABAA
RGB	88, 171, 170
RGB Percent	35%, 67%, 67%
CMY	0.6549, 0.3294, 0.3333
CMYK	0.49, 0.00, 0.01, 0.33
HSL	179°, 33%, 51%
HSV	179°, 49%, 67%
XYZ	25.8431, 34.1028, 43.2506
YIQ	146.0690, -49.1470, -17.9070

# Conversions

## Conversions Part 2

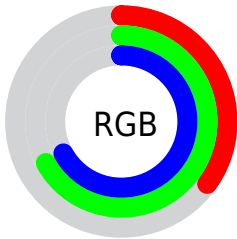
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 130, 171
Decimal	5811114
CIELab	65.04, -25.41, -7.29
CIELCh	65, 26.432, 196.005
Yxy	34.1028, 0.2504, 0.3305
Android (android.graphics.Color)	4284001194 (0xFF58ABAA)
YUV	146.0690, 11.7980, -50.9265
Hunter-Lab	58.3976, -23.2029, -3.0332

# Details

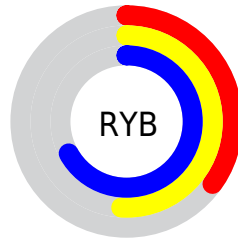
The Hex color **58ABAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB5859**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **90E3E1**, and **1A7676** is the 20% darker color. If you saturate the color by 10%, you get **47ABAA**, and if you desaturate by 10%, it is **69ABAA**.

# Distribution



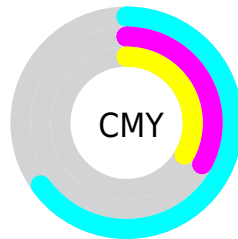
- Red (35%)
- Green (67%)
- Blue (67%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58ABAA 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 58ABAA by changing the saturation by 10% instead.



 58ABAA

 58ABAA

FFFFFF

 3B9090

 90E3E1

 1A7676

 ACFFFE

 005D5D

 C9FFFF

 004546

 E6FFFF

 002E2F

 001B1B

 000000

 58ABAA

 58ABAA

 47ABAA

 69ABAA

36ABAA

7AABAA

25ABA9

8BABAB

14ABA9

9CABAB

03ABA9

ADABAB

00ABA9

BFABAB

D0ABAB

E1ABAC

F2ABAC

# Harmonies

## Analogous

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



6CAA92



58ABAA



58A9BF

# Triad

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



58ABAA



B193BF



B99970

# Complementary

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



58ABAA



AB5859

# 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.



C9917D



58ABAA



C68EAA

# Square

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



58ABAA



929CCB



CE8D92



A2A070

# Rectangle

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



58ABAA



66A5C8



CE8D92



BF9673



# Sweetspot

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



58ABAA



BDDDD



59AB58



5C7070



F0F0F0



707070



# Same Dimension

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



58ABAA



5DDEDC



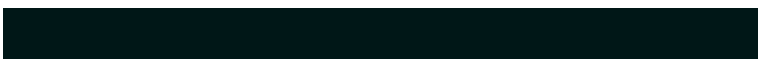
5883AB



4E5757



009695



001717



# Inverse Universe

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



AB5859



DE5D5F



AB8058



574E4E



960002

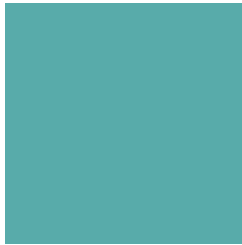


170000



# Previews

## White Background



This preview shows how the Hex color 58ABAA looks on a white background.

## Color Contrast Check

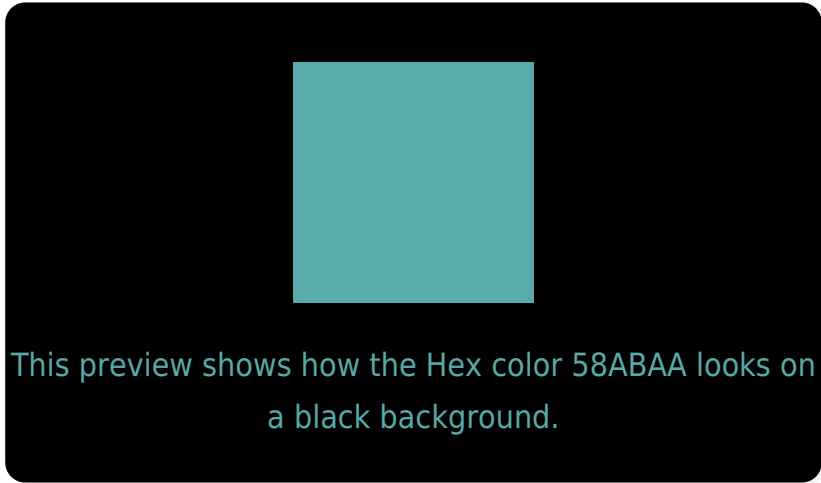
Large Text (above 18pt) WCAG AA × Fail

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

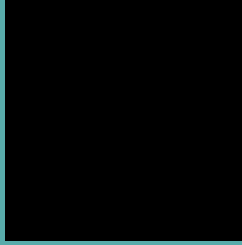
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58ABAA Background



This preview shows how black text looks on a background with the Hex color 58ABAA.

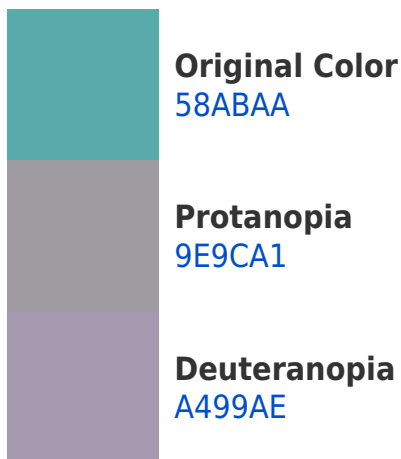


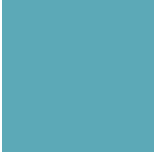
This preview shows how white text looks on a background with the Hex color 58ABAA.

# 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](#).

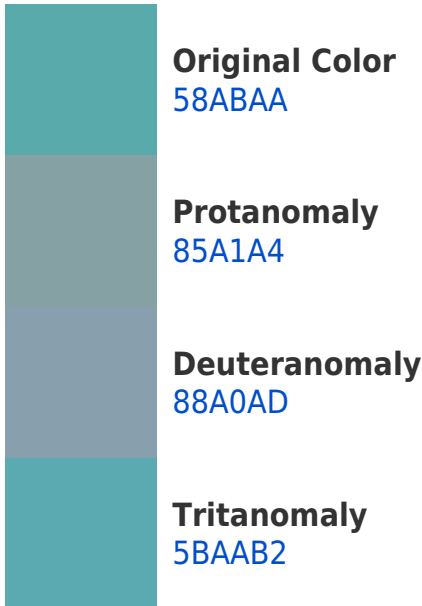
## Dichromacy



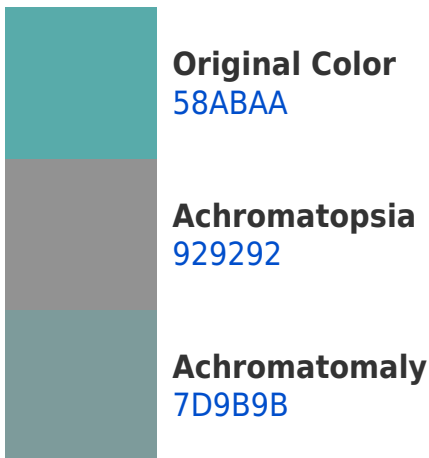


**Tritanopia**  
5CA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58ABAA 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 #58ABAA looks like.

```
.text, #text, p{  
    color:#58ABAA  
}
```

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 #58ABAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58ABAA
}
```

## Border

The CSS property to change the border of an element to Hex 58ABAA 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
#58ABAA }
```

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

```
.border{ border-color:#58ABAA }
```

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

Here you see how a box with a 4 pixel #58ABAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58ABAA; -webkit-box-shadow:4px 4px  
4px 4px #58ABAA; box-shadow:4px 4px 4px  
4px #58ABAA }
```

# Background

The CSS property to change the background color of an element to Hex 58ABAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58ABAA }
```

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

```
.background{ background-color:#58ABAA }
```

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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