

# Converting Colors

Hex(559A8B)

Have a look what the booklet for  
Hex(559A8B) contains.

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**Color**

**Hex(559A8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	559A8B
RGB	85, 154, 139
RGB Percent	33%, 60%, 55%
CMY	0.6667, 0.3961, 0.4549
CMYK	0.45, 0.00, 0.10, 0.40
HSL	167°, 29%, 47%
HSV	167°, 45%, 60%
XYZ	19.9621, 26.9066, 28.5675
YIQ	131.6590, -36.3090, -19.2930

# Conversions

## Conversions Part 2

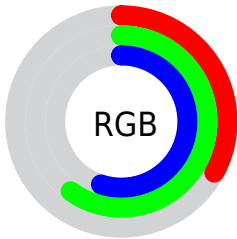
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 124, 154
Decimal	5610123
CIELab	58.89, -25.58, 1.08
CIElCh	59, 25.608, 177.582
Yxy	26.9066, 0.2646, 0.3567
Android (android.graphics.Color)	4283800203 (0xFF559A8B)
YUV	131.6590, 3.6191, -40.9199
Hunter-Lab	51.8716, -22.0817, 3.6570

# Details

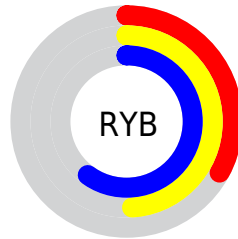
The Hex color **559A8B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A5564**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BD1C0**, and **1E6659** is the 20% darker color. If you saturate the color by 10%, you get **469A88**, and if you desaturate by 10%, it is **649A8E**.

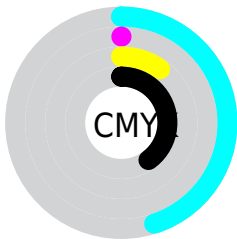
# Distribution



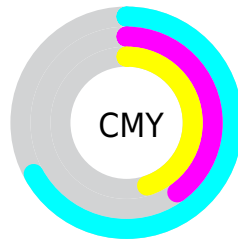
- Red (33%)
- Green (60%)
- Blue (55%)



- Red (33%)
- Yellow (49%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 559A8B 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 559A8B by changing the saturation by 10% instead.





559A8B



559A8B

FFFFFF



3A8072



8BD1C0



1E6659



A6EDDC



004E42



C2FFF9



00372C



DFFFFF



002217



FCFEFC



000000



559A8B



559A8B



469A88



649A8E



369A84



749A92

■ 279A81

■ 839A95

■ 179A7E

■ 939A98

■ 089A7A

■ A29A9C

■ 009A79

■ B19A9F

■ C19AA2

■ D09AA6

■ E09AA9

# Harmonies

## Analogous

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



6E9875



559A8B



479AA2

# Triad

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



559A8B



8E89B5



B18469

# Complementary

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



559A8B



9A5564

# 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.



BA7E7A



559A8B



A981A6

# Square

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



559A8B



6E90BA



B87D90



9F8C61

# Rectangle

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



559A8B



4A98AE



B87D90



B5826D



# Sweetspot

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



559A8B



AFC9C4



659A55



566662



E6E6E6



666666



# Same Dimension

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



559A8B



5DC9B2



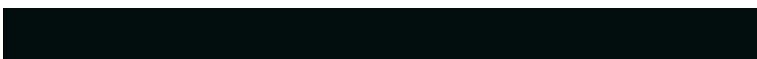
55889A



454D4B



008C6E



000D0A



# Inverse Universe

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



9A5564



C95D74



9A6755



4D4547



8C001E

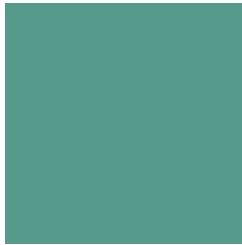


0D0003



# Previews

## White Background



This preview shows how the Hex color 559A8B looks on a white background.

## Color Contrast Check

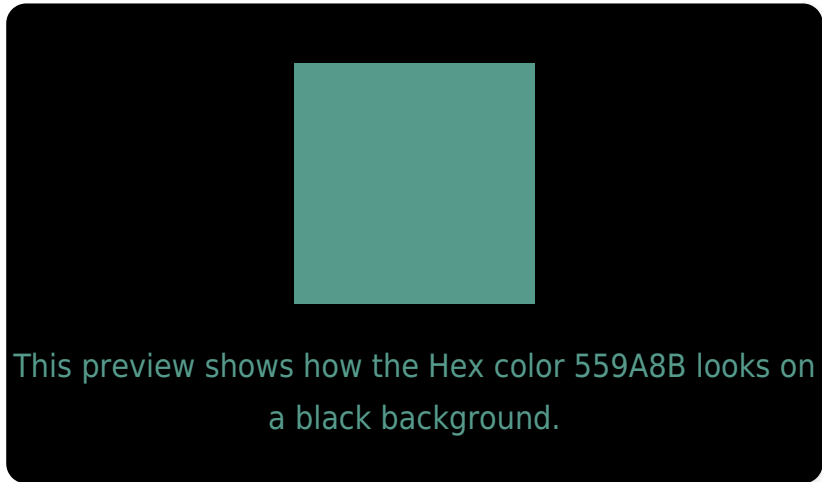
Large Text (above 18pt) WCAG AA ✓ Pass

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

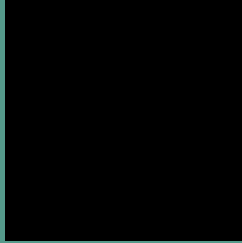
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 559A8B Background



This preview shows how black text looks on a background with the Hex color 559A8B.

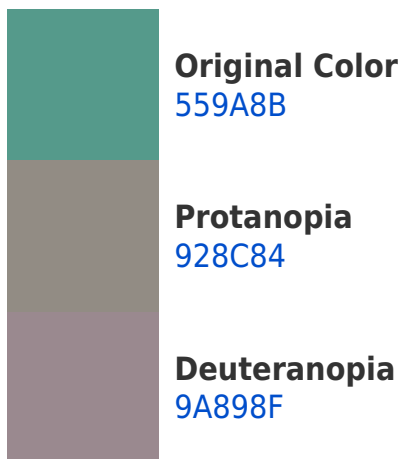


This preview shows how white text looks on a background with the Hex color 559A8B.

# 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](#).

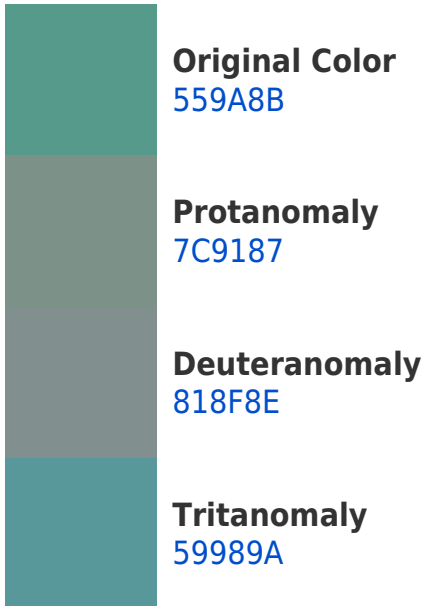
## Dichromacy



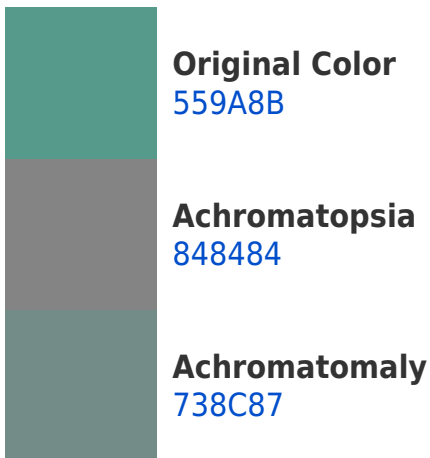


**Tritanopia**  
5C97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 559A8B 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 #559A8B looks like.

```
.text, #text, p{  
    color:#559A8B  
}
```

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 #559A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559A8B
}
```

## Border

The CSS property to change the border of an element to Hex 559A8B 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
#559A8B }
```

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

```
.border{ border-color:#559A8B }
```

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

Here you see how a box with a 4 pixel #559A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559A8B; -webkit-box-shadow:4px 4px  
4px 4px #559A8B; box-shadow:4px 4px 4px  
4px #559A8B }
```

# Background

The CSS property to change the background color of an element to Hex 559A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559A8B }
```

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

```
.background{ background-color:#559A8B }
```

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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