

# Converting Colors

Hex(589A8C)

Have a look what the booklet for  
Hex(589A8C) contains.

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# Color

Hex(589A8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	589A8C
RGB	88, 154, 140
RGB Percent	35%, 60%, 55%
CMY	0.6549, 0.3961, 0.4510
CMYK	0.43, 0.00, 0.09, 0.40
HSL	167°, 27%, 47%
HSV	167°, 43%, 60%
XYZ	20.3137, 27.0794, 28.9671
YIQ	132.6700, -34.8420, -18.3460

# Conversions

## Conversions Part 2

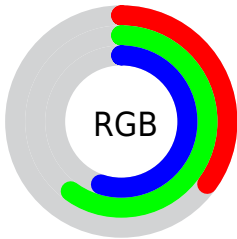
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 125, 154
Decimal	5806732
CIELab	59.05, -24.54, 0.76
CIElCh	59, 24.551, 178.222
Yxy	27.0794, 0.2660, 0.3546
Android (android.graphics.Color)	4283996812 (0xFF589A8C)
YUV	132.6700, 3.6137, -39.1756
Hunter-Lab	52.0378, -21.3861, 3.4224

# Details

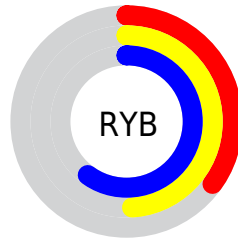
The Hex color **589A8C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A5866**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8DD1C1**, and **22665A** is the 20% darker color. If you saturate the color by 10%, you get **499A89**, and if you desaturate by 10%, it is **679A8F**.

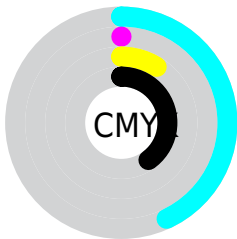
# Distribution



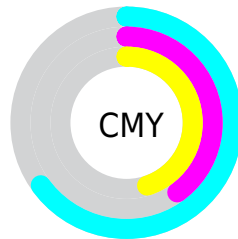
- Red (35%)
- Green (60%)
- Blue (55%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589A8C 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 589A8C by changing the saturation by 10% instead.





589A8C



589A8C

FFFFFF



3E8073



8DD1C1



22665A



A9EDDD



004E43



C5FFFA



00372D



E1FFFF



002218



000000



589A8C



589A8C



499A89



679A8F



399A85



779A93

■ 2A9A82

■ 869A96

■ 1A9A7F

■ 969A99

■ 0B9A7C

■ A59A9C

■ 009A79

■ B49AA0

■ C49AA3

■ D39AA6

■ E39AA9

# Harmonies

## Analogous

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



6F9877



589A8C



4B9AA2

# Triad

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



589A8C



9089B4



B0856A

# Complementary

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



589A8C



9A5866

# 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.



B9807B



589A8C



A982A5

# Square

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



589A8C



7190B9



B77E90



9F8C63

# Rectangle

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



589A8C



4F98AE



B77E90



B4836F



# Sweetspot

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



589A8C



AFC9C4



669A58



566663



E6E6E6



666666



# Same Dimension

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



589A8C



63C9B4



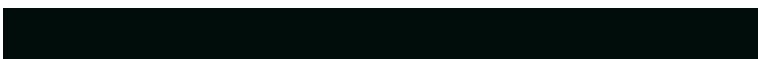
58879A



454D4B



008C6F



000D0A



# Inverse Universe

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



9A5866



C96379



9A6B58



4D4546



8C001E

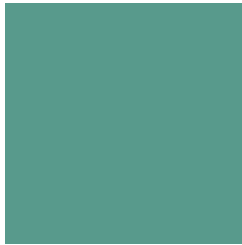


0D0003



# Previews

## White Background



This preview shows how the Hex color 589A8C looks on a white background.

## Color Contrast Check

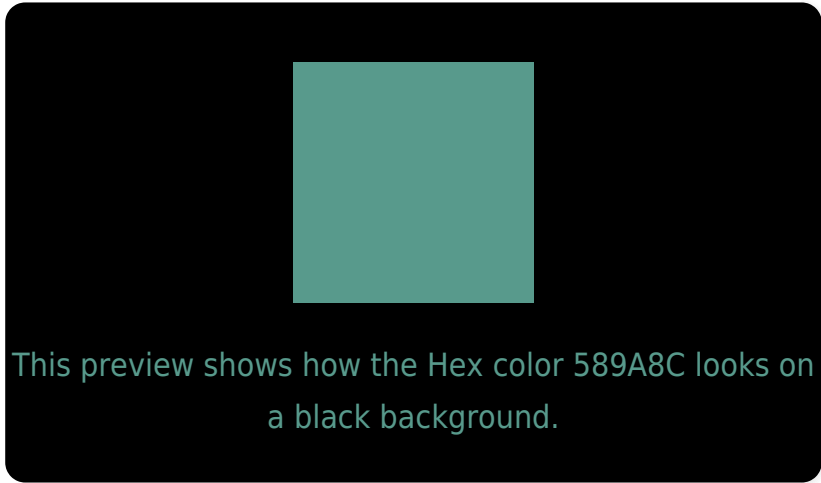
Large Text (above 18pt) WCAG AA ✓ Pass

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 589A8C Background



This preview shows how black text looks on a background with the Hex color 589A8C.

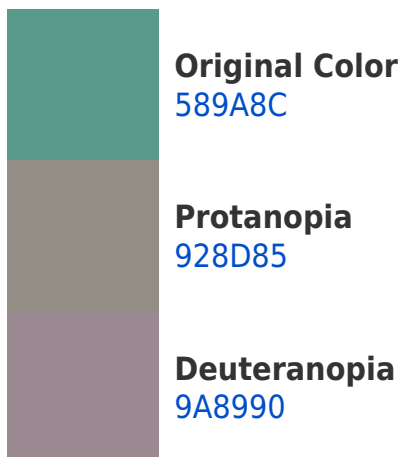


This preview shows how white text looks on a background with the Hex color 589A8C.

# 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](#).

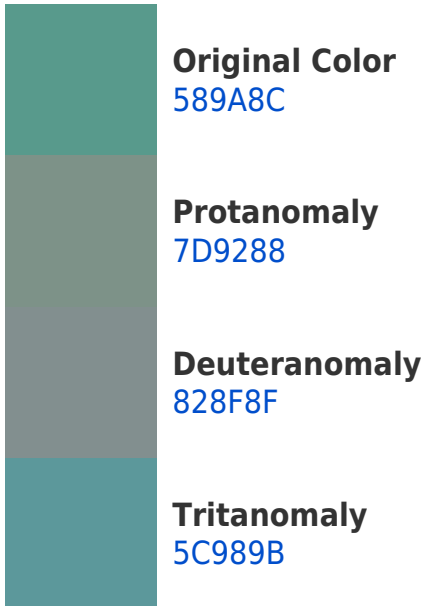
## Dichromacy





**Tritanopia**  
5E97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589A8C 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 #589A8C looks like.

```
.text, #text, p{  
    color:#589A8C  
}
```

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 #589A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589A8C
}
```

## Border

The CSS property to change the border of an element to Hex 589A8C 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
#589A8C }
```

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

```
.border{ border-color:#589A8C }
```

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

Here you see how a box with a 4 pixel #589A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589A8C; -webkit-box-shadow:4px 4px  
4px 4px #589A8C; box-shadow:4px 4px 4px  
4px #589A8C }
```

# Background

The CSS property to change the background color of an element to Hex 589A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589A8C }
```

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

```
.background{ background-color:#589A8C }
```

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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