

# Converting Colors

Hex(589B8E)

Have a look what the booklet for  
Hex(589B8E) contains.

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# Color

Hex(589B8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	589B8E
RGB	88, 155, 142
RGB Percent	35%, 61%, 56%
CMY	0.6549, 0.3922, 0.4431
CMYK	0.43, 0.00, 0.08, 0.39
HSL	168°, 28%, 48%
HSV	168°, 43%, 61%
XYZ	20.6283, 27.4704, 29.8063
YIQ	133.4850, -35.7590, -18.2470

# Conversions

## Conversions Part 2

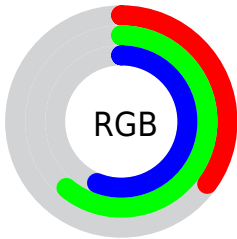
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 125, 155
Decimal	5806990
CIELab	59.41, -24.55, 0.15
CIElCh	59, 24.554, 179.647
Yxy	27.4704, 0.2648, 0.3526
Android (android.graphics.Color)	4283997070 (0xFF589B8E)
YUV	133.4850, 4.1979, -39.8903
Hunter-Lab	52.4122, -21.4675, 2.9709

# Details

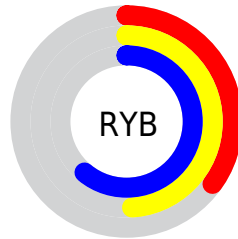
The Hex color **589B8E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5865**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8DD2C4**, and **22675C** is the 20% darker color. If you saturate the color by 10%, you get **499B8B**, and if you desaturate by 10%, it is **679B91**.

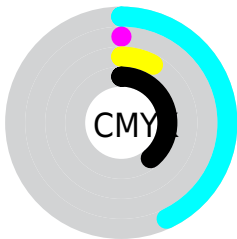
# Distribution



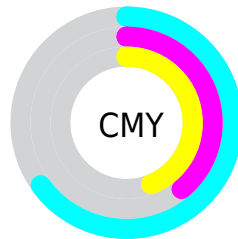
- Red (35%)
- Green (61%)
- Blue (56%)



- Red (35%)
- Yellow (49%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589B8E 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 589B8E by changing the saturation by 10% instead.





589B8E



589B8E

FFFFFF



3E8174



8DD2C4



22675C



A9EEE0



004F44



C5FFFC



00382E



E2FFFF



00221A



000000



589B8E



589B8E



499B8B



679B91



399B88



779B94

■ 2A9B85

■ 879B97

■ 1A9B82

■ 969B9A

■ 0B9B7F

■ A69B9D

■ 009B7D

■ B59BA0

■ C49BA3

■ D49BA6

■ E39BA9

# Harmonies

## Analogous

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



6F9979



589B8E



4C9AA4

# Triad

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



589B8E



928AB4



B1866B

# Complementary

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



589B8E



9B5865

# 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.



BA817B



589B8E



AA83A5

# Square

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



589B8E



7391BA



B87F90



9F8E64

# Rectangle

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



589B8E



5198AF



B87F90



B5846F



# Sweetspot

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



589B8E



AFC9C4



659B58



566663



E6E6E6



666666



# Same Dimension

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



589B8E



61C9B5



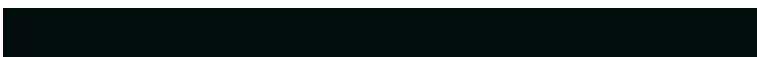
58879B



454D4B



008C71



000D0A



# Inverse Universe

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



9B5865



C96175



9B6C58



4D4546



8C001B



0D0002



# Previews

## White Background



This preview shows how the Hex color 589B8E looks on a white background.

## Color Contrast Check

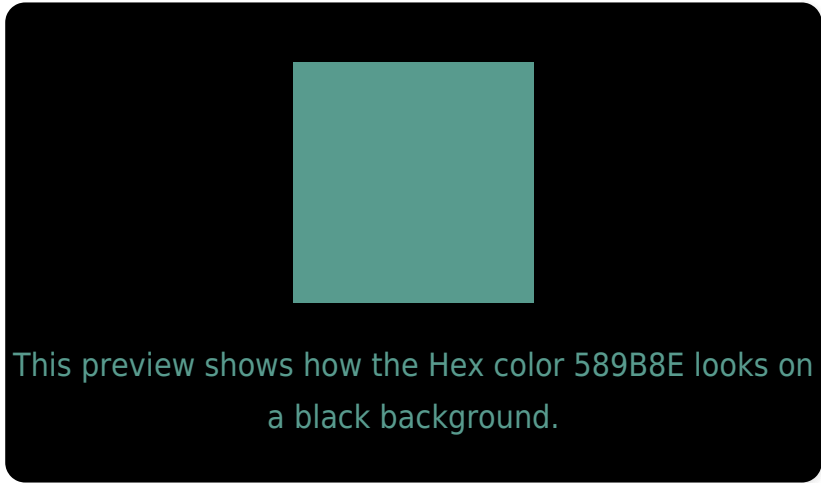
Large Text (above 18pt) WCAG AA ✓ Pass

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

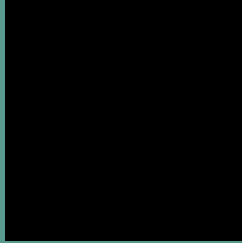
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 589B8E Background



This preview shows how black text looks on a background with the Hex color 589B8E.

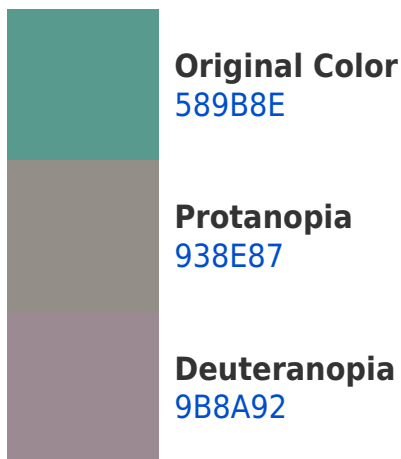


This preview shows how white text looks on a background with the Hex color 589B8E.

# 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**  
5E98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589B8E 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 #589B8E looks like.

```
.text, #text, p{  
    color:#589B8E  
}
```

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 #589B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589B8E
}
```

## Border

The CSS property to change the border of an element to Hex 589B8E 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
#589B8E }
```

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

```
.border{ border-color:#589B8E }
```

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

Here you see how a box with a 4 pixel #589B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589B8E; -webkit-box-shadow:4px 4px  
4px 4px #589B8E; box-shadow:4px 4px 4px  
4px #589B8E }
```

# Background

The CSS property to change the background color of an element to Hex 589B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589B8E }
```

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

```
.background{ background-color:#589B8E }
```

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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