

# Converting Colors

Hex(589E8C)

Have a look what the booklet for  
Hex(589E8C) contains.

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# Color

Hex(589E8C)

# Conversions

## Conversions Part 1

Format	Color
Hex	589E8C
RGB	88, 158, 140
RGB Percent	35%, 62%, 55%
CMY	0.6549, 0.3804, 0.4510
CMYK	0.44, 0.00, 0.11, 0.38
HSL	165°, 28%, 48%
HSV	165°, 44%, 62%
XYZ	20.9850, 28.4219, 29.1909
YIQ	135.0180, -35.9420, -20.4380

# Conversions

## Conversions Part 2

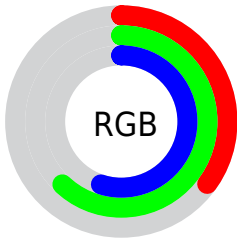
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 128, 158
Decimal	5807756
CIE <sub>Lab</sub>	60.27, -26.54, 2.54
CIE <sub>LCh</sub>	60, 26.663, 174.544
Yxy	28.4219, 0.2670, 0.3616
Android (android.graphics.Color)	4283997836 (0xFF589E8C)
YUV	135.0180, 2.4561, -41.2348
Hunter-Lab	53.3122, -23.0343, 4.8545

# Details

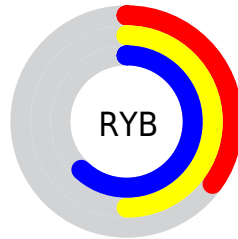
The Hex color **589E8C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E586A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8ED5C1**, and **226A5A** is the 20% darker color. If you saturate the color by 10%, you get **489E88**, and if you desaturate by 10%, it is **689E90**.

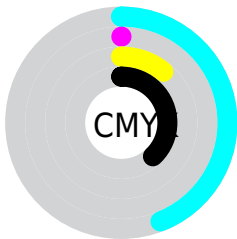
# Distribution



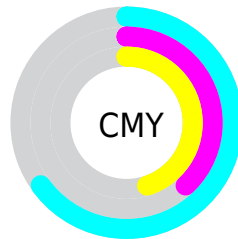
- Red (35%)
- Green (62%)
- Blue (55%)



- Red (35%)
- Yellow (50%)
- Blue (62%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589E8C 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 589E8C by changing the saturation by 10% instead.



■ 589E8C

■ 589E8C

FFFFFF

■ 3D8473

■ 8ED5C1

■ 226A5A

■ A9F1DD

■ 005243

■ C5FFFA

■ 003A2D

■ E2FFFF

■ 002418

■ 000200

■ 000000

■ 589E8C

■ 589E8C

■ 489E88

■ 689E90

■ 389E84

■ 789E94

■ 299E80

■ 879E98

■ 199E7C

■ 979E9C

■ 099E78

■ A79EA0

■ 009E75

■ B79EA4

■ C79EA8

■ D69EAD

■ E69EB1

# Harmonies

## Analogous

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



739B75



589E8C



469EA4

# Triad

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



589E8C



8F8DBC



B8866C

# Complementary

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



589E8C



9E586A

# 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.



C0817F



589E8C



AB85AD

# Square

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



589E8C



6C95C0



BC8097



A68E63

# Rectangle

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



589E8C



489CB1



BC8097



BC8471



# Sweetspot

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



589E8C



B4CFC8



6B9E58



586964



E8E8E8



696969



# Same Dimension

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



589E8C



61CFB2



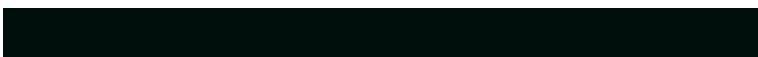
588E9E



474F4D



008F6A



000F0B



# Inverse Universe

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



9E586A



CF617D



9E6858



4F4749



8F0025

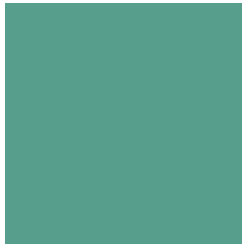


0F0004



# Previews

## White Background



This preview shows how the Hex color 589E8C looks on a white background.

## Color Contrast Check

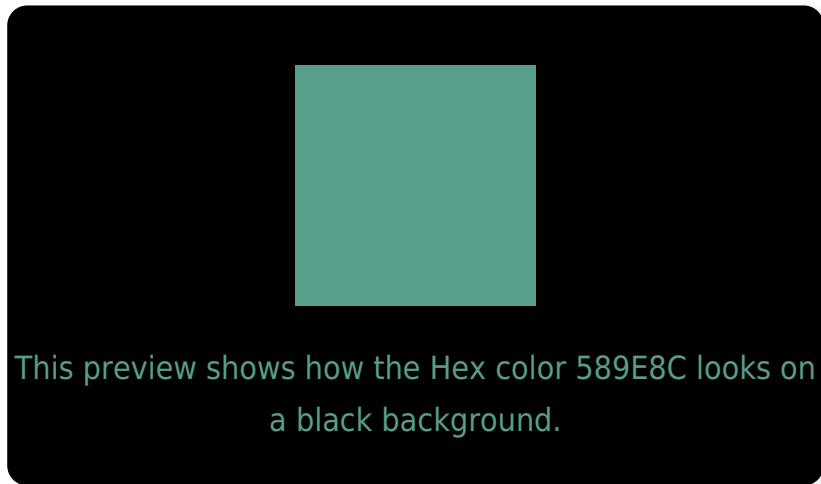
Large Text (above 18pt) WCAG AA ✓ Pass

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

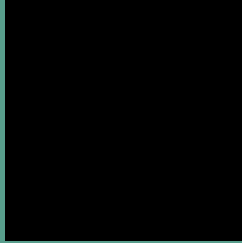
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 589E8C Background



This preview shows how black text looks on a background with the Hex color 589E8C.



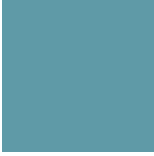
This preview shows how white text looks on a background with the Hex color 589E8C.

# 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**  
5F9AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589E8C 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 #589E8C looks like.

```
.text, #text, p{  
    color:#589E8C  
}
```

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 #589E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589E8C
}
```

## Border

The CSS property to change the border of an element to Hex 589E8C 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
#589E8C }
```

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

```
.border{ border-color:#589E8C }
```

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

Here you see how a box with a 4 pixel #589E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589E8C; -webkit-box-shadow:4px 4px  
4px 4px #589E8C; box-shadow:4px 4px 4px  
4px #589E8C }
```

# Background

The CSS property to change the background color of an element to Hex 589E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589E8C }
```

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

```
.background{ background-color:#589E8C }
```

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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