

Converting Colors

Hex(539E7C)

Have a look what the booklet for
Hex(539E7C) contains.

Hex(539E7C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(539E7C)

Conversions

Conversions Part 1

Format	Color
Hex	539E7C
RGB	83, 158, 124
RGB Percent	33%, 62%, 49%
CMY	0.6745, 0.3804, 0.5137
CMYK	0.47, 0.00, 0.22, 0.38
HSL	153°, 31%, 47%
HSV	153°, 47%, 62%
XYZ	19.4322, 27.7480, 23.4005
YIQ	131.6990, -33.7860, -26.4740

Conversions

Conversions Part 2

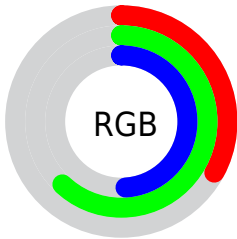
Format	Color
RYB	83, 131, 158
Decimal	5480060
CIELab	59.66, -31.57, 10.65
CIELCh	60, 33.316, 161.357
Yxy	27.7480, 0.2753, 0.3931
Android (android.graphics.Color)	4283670140 (0xFF539E7C)
YUV	131.6990, -3.7956, -42.7090
Hunter-Lab	52.6763, -26.3352, 10.5349

Details

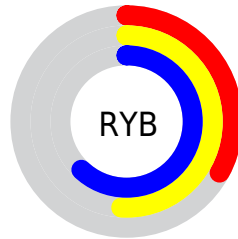
The Hex color **539E7C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E5375**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89D5B1**, and **1B6A4B** is the 20% darker color. If you saturate the color by 10%, you get **439E75**, and if you desaturate by 10%, it is **639E83**.

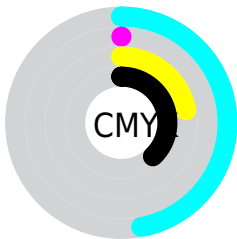
Distribution



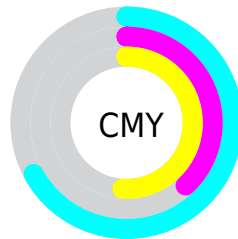
- Red (33%)
- Green (62%)
- Blue (49%)



- Red (33%)
- Yellow (51%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539E7C 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 539E7C by changing the saturation by 10% instead.

■ 539E7C

■ 539E7C

FFFFFF

■ 388463

■ 89D5B1

■ 1B6A4B

■ A4F2CC

■ 005134

■ C0FFE8

■ 003A1F

■ DDFFFF

■ 002508

■ FAFFFF

■ 000000

■ 539E7C

■ 539E7C

■ 439E75

■ 639E83

■ 339E6E

■ 739E8A

 249E67

 829E91

 149E5F

 929E99

 049E58

 A29EA0

 009E56

 B29EA7

 C29EAE

 D19EB5

 E19EBC

Harmonies

Analogous

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



789963



539E7C



289F9A

Triad

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



539E7C



788FC9



C47E6A

Complementary

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



539E7C



9E5375

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.



C97986



539E7C



A184BC

Square

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



539E7C



4498C7



BD7BA3



B38858

Rectangle

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



539E7C



0E9FAD



BD7BA3



C77C73

Sweetspot

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



539E7C



B2CFC1



769E53



576960



E8E8E8



696969

Same Dimension

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



539E7C



59CF99



539C9E



474F4B



008F4E



000F08

Inverse Universe

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



9E5375



CF598E



9E5653



4F474B



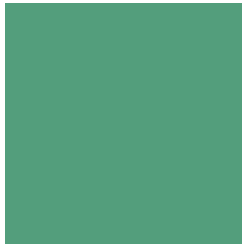
8F0041



0F0007

Previews

White Background



This preview shows how the Hex color 539E7C looks on a white background.

Color Contrast Check

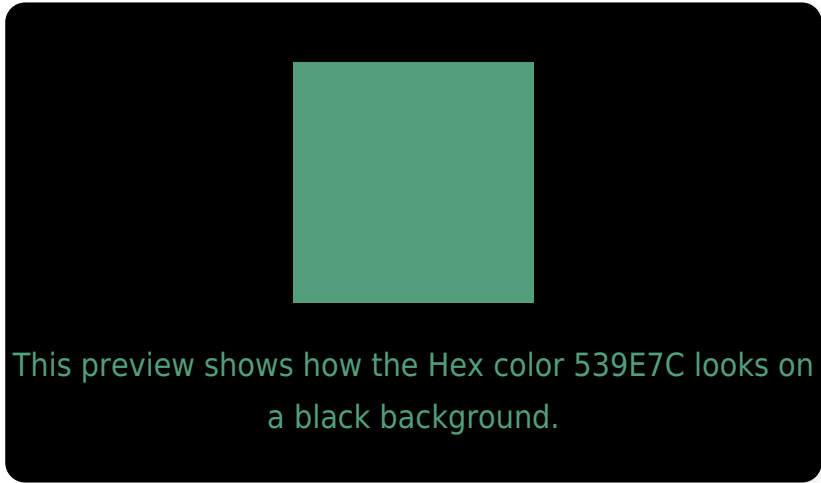
Large Text (above 18pt) WCAG AA ✓ Pass

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

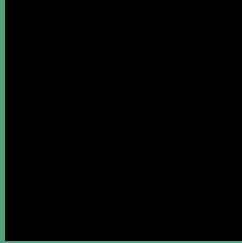
Any Text WCAG AA ✓ Pass

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 539E7C Background



This preview shows how black text looks on a background with the Hex color 539E7C.



This preview shows how white text looks on a background with the Hex color 539E7C.

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](#).

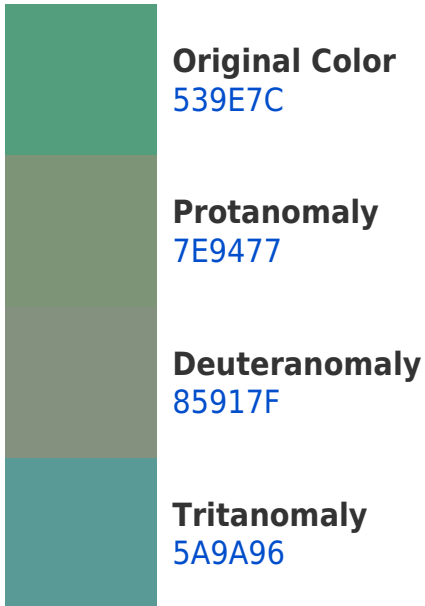
Dichromacy





Tritanopia
5E98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 539E7C 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 #539E7C looks like.

```
.text, #text, p{  
    color:#539E7C  
}
```

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 #539E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539E7C
}
```

Border

The CSS property to change the border of an element to Hex 539E7C 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
#539E7C }
```

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

```
.border{ border-color:#539E7C }
```

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

Here you see how a box with a 4 pixel #539E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539E7C; -webkit-box-shadow:4px 4px  
4px 4px #539E7C; box-shadow:4px 4px 4px  
4px #539E7C }
```

Background

The CSS property to change the background color of an element to Hex 539E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539E7C }
```

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

```
.background{ background-color:#539E7C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor