

Converting Colors

Hex(519E72)

Have a look what the booklet for
Hex(519E72) contains.

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Color

Hex(519E72)

Conversions

Conversions Part 1

Format	Color
Hex	519E72
RGB	81, 158, 114
RGB Percent	32%, 62%, 45%
CMY	0.6824, 0.3804, 0.5529
CMYK	0.49, 0.00, 0.28, 0.38
HSL	146°, 32%, 47%
HSV	146°, 49%, 62%
XYZ	18.6575, 27.4180, 20.2284
YIQ	129.9610, -31.7680, -30.0080

Conversions

Conversions Part 2

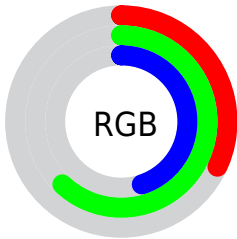
Format	Color
RYB	81, 135, 158
Decimal	5348978
CIELab	59.36, -34.24, 15.81
CIElCh	59, 37.712, 155.215
Yxy	27.4180, 0.2814, 0.4135
Android (android.graphics.Color)	4283539058 (0xFF519E72)
YUV	129.9610, -7.8688, -42.9388
Hunter-Lab	52.3622, -28.0314, 13.7487

Details

The Hex color **519E72** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E517D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87D5A6**, and **186A42** is the 20% darker color. If you saturate the color by 10%, you get **419E69**, and if you desaturate by 10%, it is **619E7B**.

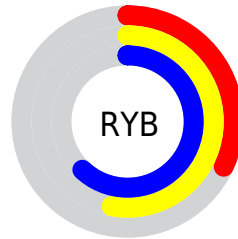
Distribution



Red (32%)

Green (62%)

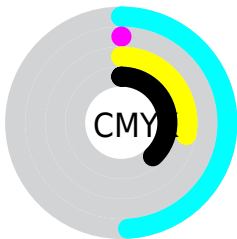
Blue (45%)



Red (32%)

Yellow (53%)

Blue (62%)

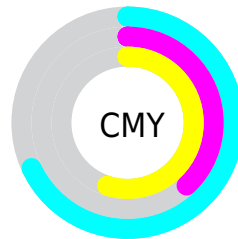


Cyan (49%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (68%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519E72 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 519E72 by changing the saturation by 10% instead.



519E72



519E72

FFFFFF



368459



87D5A6



186A42



A2F2C1



00512B



BEFFDD



003916



DBFFFA



002500



F8FFFF



000000



519E72



519E72



419E69



619E7B



319E60



719E84

■ 229E57

■ 809E8D

■ 129E4E

■ 909E96

■ 029E45

■ A09E9F

■ 009E44

■ B09EA8

■ C09EB1

■ CF9EBA

■ DF9EC3

Harmonies

Analogous

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



7B9857



519E72



06A094

Triad

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



519E72



6590D1



CC796A

Complementary

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



519E72



9E517D

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.



CD748A



519E72



9A84C5

Square

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



519E72



109ACA



BD79AB



BA8353

Rectangle

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



519E72



00A0AA



BD79AB



CE7674

Sweetspot

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



519E72



B0CFBD



7E9E51



56695E



E8E8E8



696969

Same Dimension

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



519E72



57CF8A



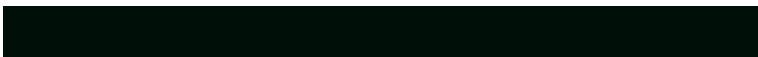
519E98



474F4B



008F3D



000F07

Inverse Universe

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



9E517D



CF579B



9E5157



4F474C



8F0052



0F0009

Previews

White Background



This preview shows how the Hex color 519E72 looks on a white background.

Color Contrast Check

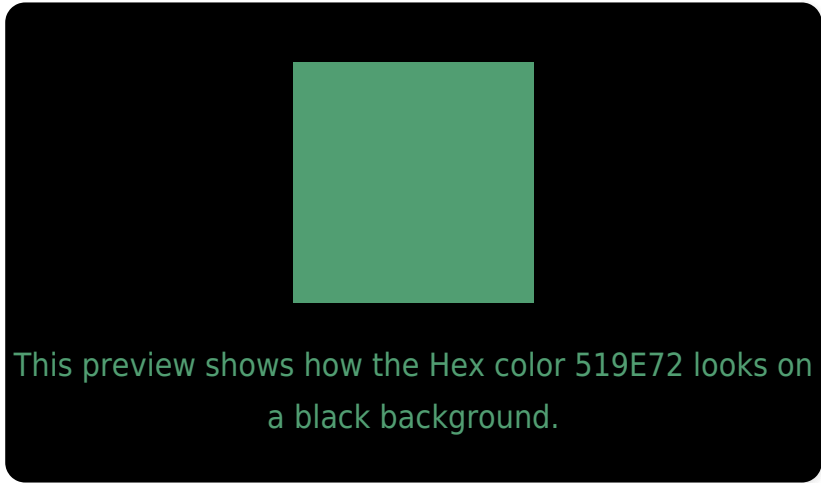
Large Text (above 18pt) WCAG AA ✓ Pass

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

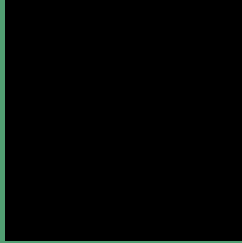
Any Text WCAG AA ✓ Pass

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 519E72 Background



This preview shows how black text looks on a background with the Hex color 519E72.

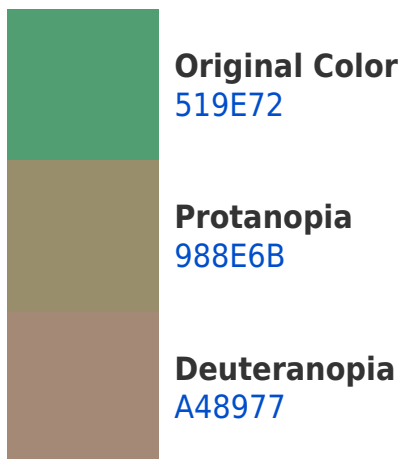


This preview shows how white text looks on a background with the Hex color 519E72.

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



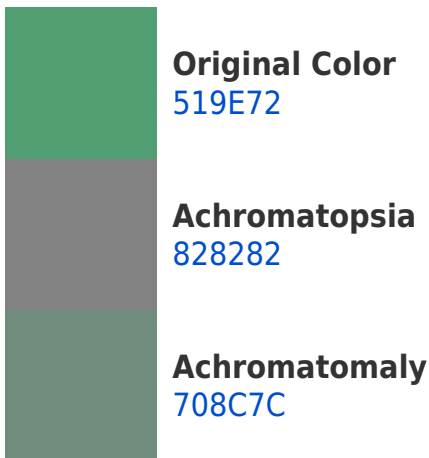


Tritanopia
5E98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519E72 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 #519E72 looks like.

```
.text, #text, p{  
    color:#519E72  
}
```

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 #519E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E72
}
```

Border

The CSS property to change the border of an element to Hex 519E72 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
#519E72 }
```

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

```
.border{ border-color:#519E72 }
```

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

Here you see how a box with a 4 pixel #519E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E72; -webkit-box-shadow:4px 4px  
4px 4px #519E72; box-shadow:4px 4px 4px  
4px #519E72 }
```

Background

The CSS property to change the background color of an element to Hex 519E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E72 }
```

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

```
.background{ background-color:#519E72 }
```

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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