

Converting Colors

Hex(519E87)

Have a look what the booklet for
Hex(519E87) contains.

Hex(519E87)	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(519E87)

Conversions

Conversions Part 1

Format	Color
Hex	519E87
RGB	81, 158, 135
RGB Percent	32%, 62%, 53%
CMY	0.6824, 0.3804, 0.4706
CMYK	0.49, 0.00, 0.15, 0.38
HSL	162°, 32%, 47%
HSV	162°, 49%, 62%
XYZ	19.9934, 27.9523, 27.2632
YIQ	132.3550, -38.5090, -23.4770

Conversions

Conversions Part 2

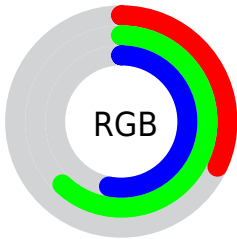
Format	Color
RYB	81, 126, 158
Decimal	5348999
CIELab	59.85, -29.56, 4.71
CIElCh	60, 29.932, 170.945
Yxy	27.9523, 0.2658, 0.3717
Android (android.graphics.Color)	4283539079 (0xFF519E87)
YUV	132.3550, 1.3040, -45.0383
Hunter-Lab	52.8700, -25.0206, 6.4351

Details

The Hex color **519E87** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E5168**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **87D5BC**, and **176A55** is the 20% darker color. If you saturate the color by 10%, you get **419E82**, and if you desaturate by 10%, it is **619E8C**.

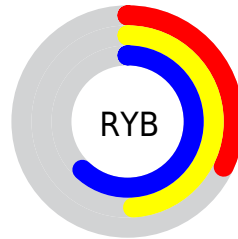
Distribution



Red (32%)

Green (62%)

Blue (53%)



Red (32%)

Yellow (49%)

Blue (62%)

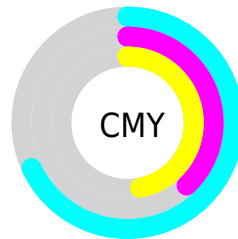


Cyan (49%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (68%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519E87 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 519E87 by changing the saturation by 10% instead.



519E87



519E87

FFFFFF



36846E



87D5BC



176A55



A3F2D8



00513E



BFFFF4



003A28



DCFFFF



002414



F9FFFF



000000



519E87



519E87



419E82



619E8C



319E7E



719E90

■ 229E79

■ 809E95

■ 129E74

■ 909E9A

■ 029E6F

■ A09E9F

■ 009E6F

■ B09EA3

■ C09EA8

■ CF9EAD

■ DF9EB1

Harmonies

Analogous

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



719B6E



519E87



369EA2

Triad

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



519E87



888CC1



BC8368

Complementary

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



519E87



9E5168

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.



C47D7F



519E87



AA83B2

Square

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



519E87



5F95C4



BE7D99



A98C5C

Rectangle

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



519E87



349DB2



BE7D99



C0806F

Sweetspot

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



519E87



B0CFC5



689E51



566963



E8E8E8



696969

Same Dimension

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



519E87



57CFAB



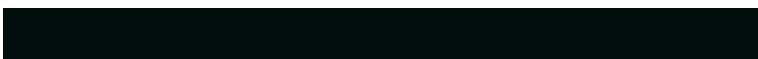
518F9E



474F4D



008F64



000F0B

Inverse Universe

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



9E5168



CF577B



9E6051



4F474A



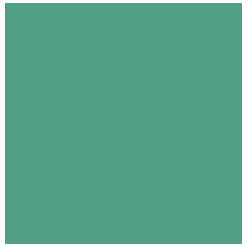
8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 519E87 looks on a white background.

Color Contrast Check

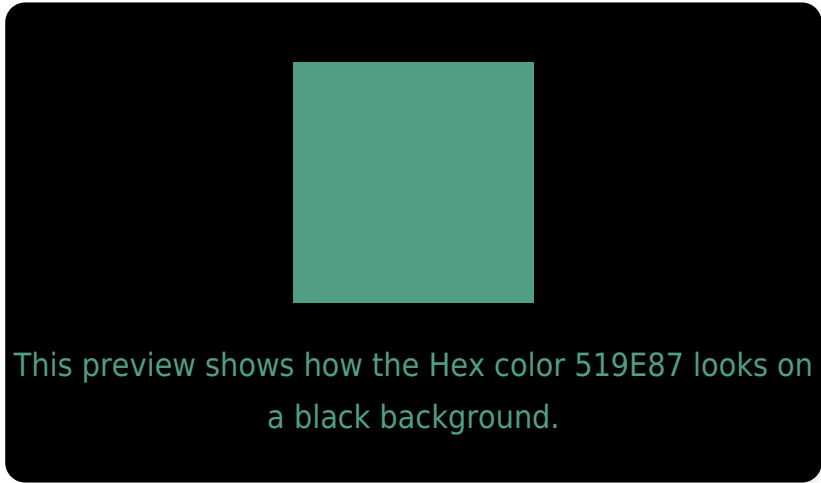
Large Text (above 18pt) WCAG AA ✓ Pass

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

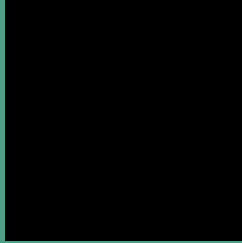
Any Text WCAG AA ✓ Pass

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 519E87 Background



This preview shows how black text looks on a background with the Hex color 519E87.

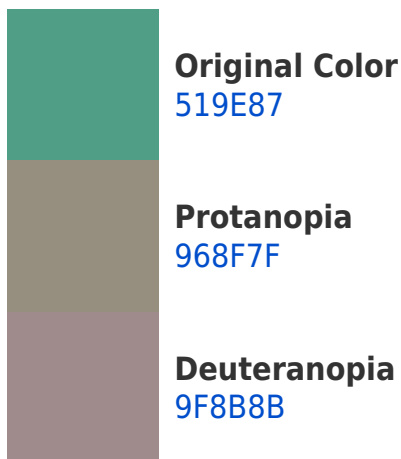


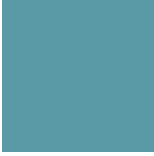
This preview shows how white text looks on a background with the Hex color 519E87.

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



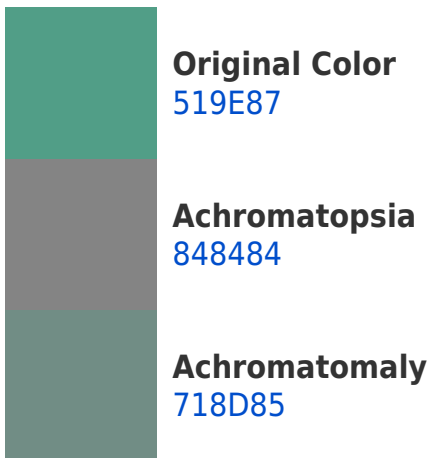


Tritanopia
5A9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519E87 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 #519E87 looks like.

```
.text, #text, p{  
    color:#519E87  
}
```

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 #519E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E87
}
```

Border

The CSS property to change the border of an element to Hex 519E87 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
#519E87 }
```

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

```
.border{ border-color:#519E87 }
```

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

Here you see how a box with a 4 pixel #519E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E87; -webkit-box-shadow:4px 4px  
4px 4px #519E87; box-shadow:4px 4px 4px  
4px #519E87 }
```

Background

The CSS property to change the background color of an element to Hex 519E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E87 }
```

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

```
.background{ background-color:#519E87 }
```

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