

Converting Colors

Hex(519E66)

Have a look what the booklet for
Hex(519E66) contains.

| | |
|--|----|
| Hex(519E66) | 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(519E66)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 519E66 |
| RGB | 81, 158, 102 |
| RGB Percent | 32%, 62%, 40% |
| CMY | 0.6824, 0.3804, 0.6000 |
| CMYK | 0.49, 0.00, 0.35, 0.38 |
| HSL | 136°, 32%, 47% |
| HSV | 136°, 49%, 62% |
| XYZ | 18.0185, 27.1624, 16.8636 |
| YIQ | 128.5930, -27.9160, -33.7400 |

Conversions

Conversions Part 2

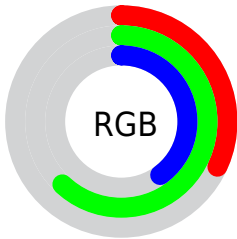
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 81, 142, 158 |
| Decimal | 5348966 |
| CIELab | 59.12, -36.58, 22.12 |
| CIElCh | 59, 42.749, 148.841 |
| Yxy | 27.1624, 0.2904, 0.4378 |
| Android (android.graphics.Color) | 4283539046 (0xFF519E66) |
| YUV | 128.5930, -13.1103, -41.7391 |
| Hunter-Lab | 52.1175, -29.4933, 17.2979 |

Details

The Hex color **519E66** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E5189**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **87D599**, and **186A36** is the 20% darker color. If you saturate the color by 10%, you get **419E5B**, and if you desaturate by 10%, it is **619E71**.

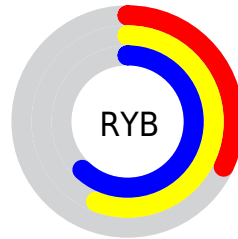
Distribution



Red (32%)

Green (62%)

Blue (40%)



Red (32%)

Yellow (56%)

Blue (62%)

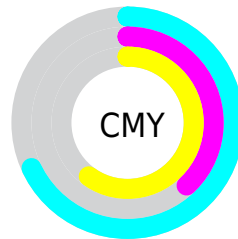


Cyan (49%)

Magenta (0%)

Yellow (35%)

Black (38%)



Cyan (68%)


Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519E66 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 519E66 by changing the saturation by 10% instead.

 519E66

 519E66

FFFFFF

 36844E

 87D599

 186A36

 A2F2B4

 005120

 BEFFD0

 00390A

 DBFFEC

 002500

 F8FFFF


 000000


 519E66

 519E66

 419E5B

 619E71

 319E4F

 719E7D

■ 229E44

■ 809E88

■ 129E38

■ 909E94

■ 029E2D

■ A09E9F

■ 009E2B

■ B09EAB

■ C09EB6

■ CF9EC2

■ DF9ECD

Harmonies

Analogous

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



80974A



519E66



00A18C

Triad

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



519E66



4893D9



D4726C

Complementary

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



519E66



9E5189

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.



D26F91



519E66



8F85D0

Square

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



519E66



009CCE



BB77B6



C37E4F

Rectangle

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



519E66



00A1A5



BB77B6



D57078

Sweetspot

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



519E66



B0CFB8



899E51



56695B



E8E8E8



696969

Same Dimension

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



519E66



57CF77



519E8C



474F49



008F27



000F04

Inverse Universe

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



9E5189



CF57AE



9E5163



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color 519E66 looks on a white background.

Color Contrast Check

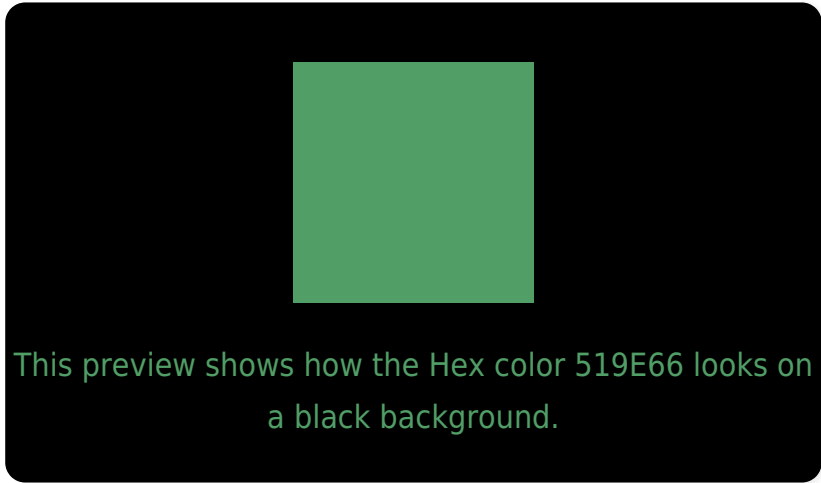
Large Text (above 18pt) WCAG AA ✓ Pass

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

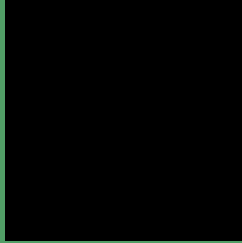
Any Text WCAG AA ✓ Pass

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 519E66 Background



This preview shows how black text looks on a background with the Hex color 519E66.



This preview shows how white text looks on a background with the Hex color 519E66.

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](#).

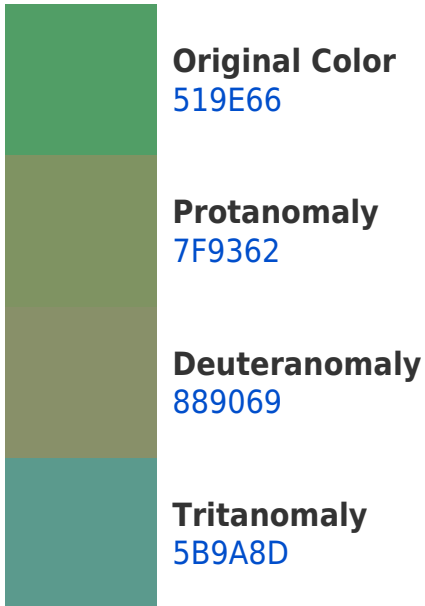
Dichromacy



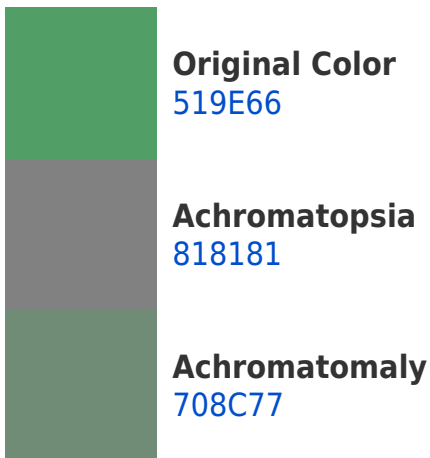


Tritanopia
6097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 519E66 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 #519E66 looks like.

```
.text, #text, p{  
    color:#519E66  
}
```

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 #519E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E66
}
```

Border

The CSS property to change the border of an element to Hex 519E66 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
#519E66 }
```

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

```
.border{ border-color:#519E66 }
```

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

Here you see how a box with a 4 pixel #519E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E66; -webkit-box-shadow:4px 4px  
4px 4px #519E66; box-shadow:4px 4px 4px  
4px #519E66 }
```

Background

The CSS property to change the background color of an element to Hex 519E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E66 }
```

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

```
.background{ background-color:#519E66 }
```

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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