

Converting Colors

Hex(519E58)

Have a look what the booklet for
Hex(519E58) contains.

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Color

Hex(519E58)

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 519E58 |
| RGB | 81, 158, 88 |
| RGB Percent | 32%, 62%, 35% |
| CMY | 0.6824, 0.3804, 0.6549 |
| CMYK | 0.49, 0.00, 0.44, 0.38 |
| HSL | 125°, 32%, 47% |
| HSV | 125°, 49%, 62% |
| XYZ | 17.3817, 26.9076, 13.5101 |
| YIQ | 126.9970, -23.4220, -38.0940 |

Conversions

Conversions Part 2

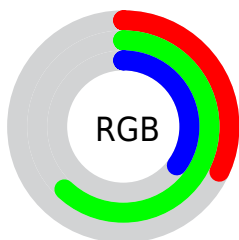
| Format | Color |
|-------------------------------------|--|
| RYB | 81, 152, 158 |
| Decimal | 5348952 |
| CIELab | 58.89, -38.99, 29.36 |
| CIELCh | 59, 48.811, 143.016 |
| Yxy | 26.9076, 0.3007, 0.4655 |
| Android (android.graphics.Color) | 4283539032 (0xFF519E58) |
| YUV | 126.9970, -19.2255, -40.3394 |
| Hunter-Lab | 51.8726, -30.9646, 20.8688 |

Details

The Hex color **519E58** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E5197**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **87D58B**, and **176A28** is the 20% darker color. If you saturate the color by 10%, you get **419E4A**, and if you desaturate by 10%, it is **619E66**.

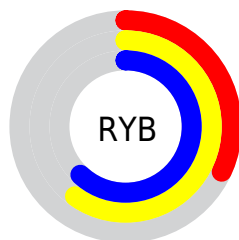
Distribution



Red (32%)

Green (62%)

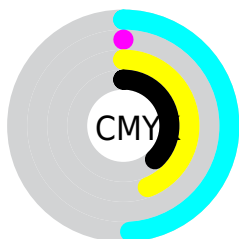
Blue (35%)



Red (32%)

Yellow (60%)

Blue (62%)

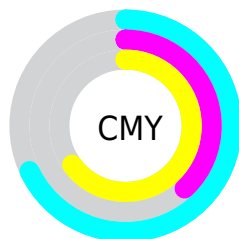


Cyan (49%)

Magenta (0%)

Yellow (44%)

Black (38%)



Cyan (68%)


Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519E58 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 519E58 by changing the saturation by 10% instead.

 519E58

FFFFFF

 87D58B

 A3F2A6

 BFFFC1

 DCFFDD

 F9FFFA

 519E58

 368340

 176A28

 005111


 003900

 002500

 000000


 519E58

 419E4A

 319E3B

 519E58

 619E66

 719E75

 229E2D

 809E83

 129E1F

 909E91

 029E10

 A09EA0

 009E0E

 B09EAE

 C09EBD

 CF9ECB

 DF9ED9

Harmonies

Analogous

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



85953A



519E58



00A282

Triad

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



519E58



0095E2



DD6B6F

Complementary

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



519E58



9E5197

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.



D7699A



519E58



7F86DD

Square

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



519E58



009FD1



B975C2



CD784A

Rectangle

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



519E58



00A3A0



B975C2



DD687D

Sweetspot

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



519E58



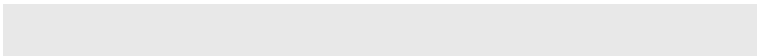
B0CFB2



989E51



566957



E8E8E8



696969

Same Dimension

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



519E58



57CF62



519E7E



474F48



008F0D



000F01

Inverse Universe

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



9E5197



CF57C4



9E5171



4F474E



8F0082



0F000E

Previews

White Background



This preview shows how the Hex color 519E58 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



This preview shows how the Hex color 519E58 looks on a 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 519E58 Background



This preview shows how black text looks on a background with the Hex color 519E58.



This preview shows how white text looks on a background with the Hex color 519E58.

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



Original Color
519E58

Protanopia
9A8D52




Deuteranopia
A9875E




Tritanopia

6196A2

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color 519E58 |
|  | Protanomaly 7F9354 |
|  | Deuteranomaly 898F5C |
|  | Tritanomaly 5B9987 |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color 519E58 |
|  | Achromatopsia 7F7F7F |
|  | Achromatomaly 6E8A71 |

CSS Examples

Text

The CSS property to change the color of the text to Hex 519E58 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 #519E58 looks like.

```
.text, #text, p{  
    color:#519E58  
}
```

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 #519E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E58
}
```

Border

The CSS property to change the border of an element to Hex 519E58 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
#519E58 }
```

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

```
.border{ border-color:#519E58 }
```

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

Here you see how a box with a 4 pixel #519E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E58; -webkit-box-shadow:4px 4px  
4px 4px #519E58; box-shadow:4px 4px 4px  
4px #519E58 }
```

Background

The CSS property to change the background color of an element to Hex 519E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E58 }
```

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

```
.background{ background-color:#519E58 }
```

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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