

Converting Colors

Hex(499E71)

Have a look what the booklet for
Hex(499E71) contains.

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Color

Hex(499E71)

Conversions

Conversions Part 1

Format	Color
Hex	499E71
RGB	73, 158, 113
RGB Percent	29%, 62%, 44%
CMY	0.7137, 0.3804, 0.5569
CMYK	0.54, 0.00, 0.28, 0.38
HSL	148°, 37%, 45%
HSV	148°, 54%, 62%
XYZ	17.9551, 27.0624, 19.9000
YIQ	127.4550, -36.2150, -32.0150

Conversions

Conversions Part 2

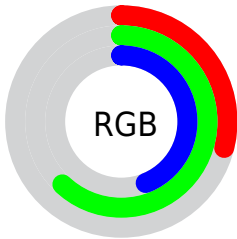
Format	Color
RYB	73, 131, 158
Decimal	4824689
CIELab	59.03, -36.52, 15.87
CIELCh	59, 39.818, 156.518
Yxy	27.0624, 0.2766, 0.4169
Android (android.graphics.Color)	4283014769 (0xFF499E71)
YUV	127.4550, -7.1263, -47.7570
Hunter-Lab	52.0216, -29.4288, 13.7347

Details

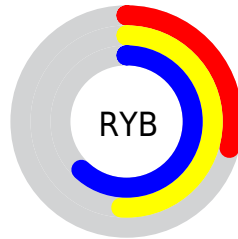
The Hex color **499E71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4976**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80D5A5**, and **056A41** is the 20% darker color. If you saturate the color by 10%, you get **399E69**, and if you desaturate by 10%, it is **599E79**.

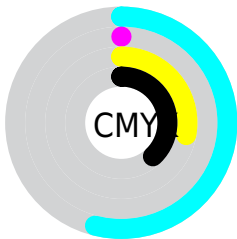
Distribution



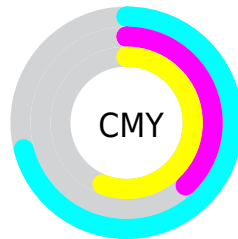
- Red (29%)
- Green (62%)
- Blue (44%)



- Red (29%)
- Yellow (51%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499E71 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 499E71 by changing the saturation by 10% instead.

 499E71

 499E71

FFFFFF

 2C8358

 80D5A5

 056A41

 9BF2C0

 00512A

 B7FFDC

 003915

 D4FFF9

 002500

 F1FFFF

 000000

 499E71

 499E71

 399E69

 599E79

 299E60

 699E82

■ 1A9E58

■ 789E8A

■ 0A9E50

■ 889E92

■ 009E4A

■ 989E9B

■ A89EA3

■ B89EAC

■ C79EB4

■ D79EBC

Harmonies

Analogous

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



779854



499E71



00A095

Triad

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



499E71



638FD3



CD7766

Complementary

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



499E71



9E4976

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.



D07188



499E71



9B82C6

Square

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



499E71



0099CD



C076AB



BA824E

Rectangle

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



499E71



00A0AC



C076AB



D07471

Sweetspot

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



499E71



AECFBD



769E49



55695E



E8E8E8



696969

Same Dimension

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



499E71



48CF87



499E9B



474F4B



008F43



000F07

Inverse Universe

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



9E4976



CF488F



9E494C



4F474B



8F004C



0F0008

Previews

White Background



This preview shows how the Hex color 499E71 looks on a white background.

Color Contrast Check

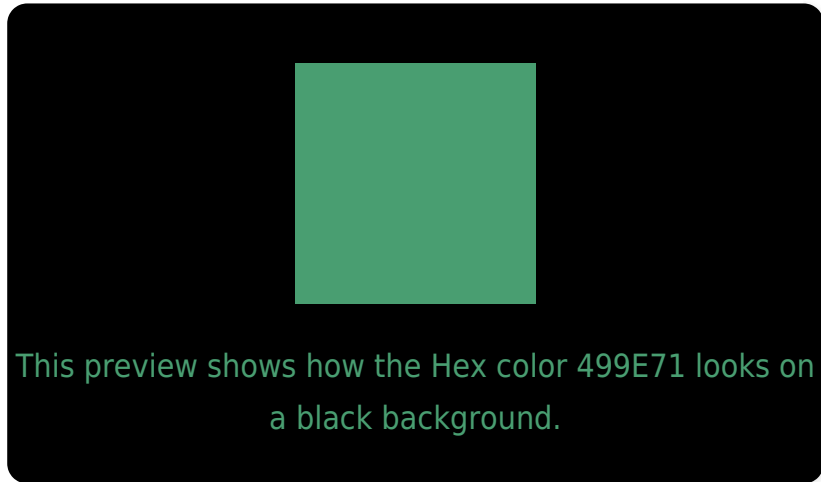
Large Text (above 18pt) WCAG AA ✓ Pass

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 499E71 Background



This preview shows how black text looks on a background with the Hex color 499E71.

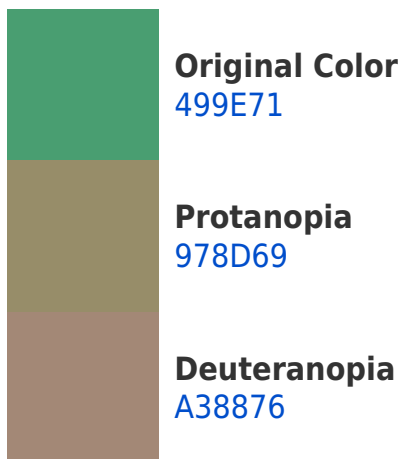


This preview shows how white text looks on a background with the Hex color 499E71.

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
5797A4

Trichromacy



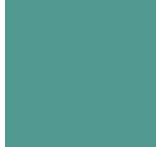
Original Color
499E71



Protanomaly
7B936C



Deuteranomaly
829074



Tritanomaly
529A91

Monochromacy



Original Color
499E71



Achromatopsia
7F7F7F



Achromatomaly
6B8A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 499E71 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 #499E71 looks like.

```
.text, #text, p{  
    color:#499E71  
}
```

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 #499E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499E71
}
```

Border

The CSS property to change the border of an element to Hex 499E71 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
#499E71 }
```

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

```
.border{ border-color:#499E71 }
```

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

Here you see how a box with a 4 pixel #499E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499E71; -webkit-box-shadow:4px 4px  
4px 4px #499E71; box-shadow:4px 4px 4px  
4px #499E71 }
```

Background

The CSS property to change the background color of an element to Hex 499E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499E71 }
```

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

```
.background{ background-color:#499E71 }
```

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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