

Converting Colors

Hex(499E72)

Have a look what the booklet for
Hex(499E72) contains.

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Color

Hex(499E72)

Conversions

Conversions Part 1

Format	Color
Hex	499E72
RGB	73, 158, 114
RGB Percent	29%, 62%, 45%
CMY	0.7137, 0.3804, 0.5529
CMYK	0.54, 0.00, 0.28, 0.38
HSL	149°, 37%, 45%
HSV	149°, 54%, 62%
XYZ	18.0118, 27.0851, 20.1982
YIQ	127.5690, -36.5360, -31.7040

Conversions

Conversions Part 2

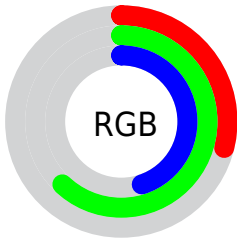
Format	Color
R_{YB}	73, 130, 158
Decimal	4824690
CIE _{Lab}	59.05, -36.31, 15.34
CIE _{LCh}	59, 39.417, 157.100
Yxy	27.0851, 0.2759, 0.4148
Android (android.graphics.Color)	4283014770 (0xFF499E72)
YUV	127.5690, -6.6895, -47.8570
Hunter-Lab	52.0433, -29.2984, 13.4197

Details

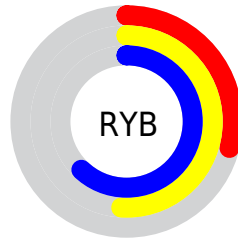
The Hex color **499E72** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4975**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80D5A6**, and **056A42** is the 20% darker color. If you saturate the color by 10%, you get **399E6A**, and if you desaturate by 10%, it is **599E7A**.

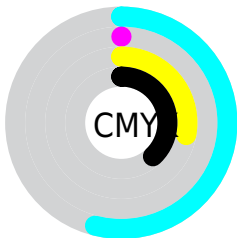
Distribution



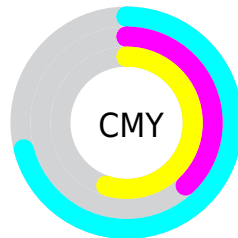
- Red (29%)
- Green (62%)
- Blue (45%)



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



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



- Cyan (71%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499E72 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 499E72 by changing the saturation by 10% instead.



499E72



499E72

FFFFFF



2C8359



80D5A6



056A42



9BF2C1



00512B



B7FFDD



003916



D4FFFA



002500



F1FFFF



000000



499E72



499E72



399E6A



599E7A



299E62



699E82

■ 1A9E59

■ 789E8B

■ 0A9E51

■ 889E93

■ 009E4C

■ 989E9B

■ A89EA3

■ B89EAB

■ C79EB3

■ D79EBC

Harmonies

Analogous

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



779855



499E72



00A095

Triad

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



499E72



658FD3



CC7766

Complementary

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



499E72



9E4975

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.



D07287



499E72



9C82C5

Square

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



499E72



0099CD



C076AA



B9834F

Rectangle

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



499E72



00A0AD



C076AA



CF7470

Sweetspot

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



499E72



AECFBD



769E49



55695E



E8E8E8



696969

Same Dimension

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



499E72



48CF89



499E9B



474F4B



008F45



000F07

Inverse Universe

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



9E4975



CF488E



9E494C



4F474B



8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 499E72 looks on a white background.

Color Contrast Check

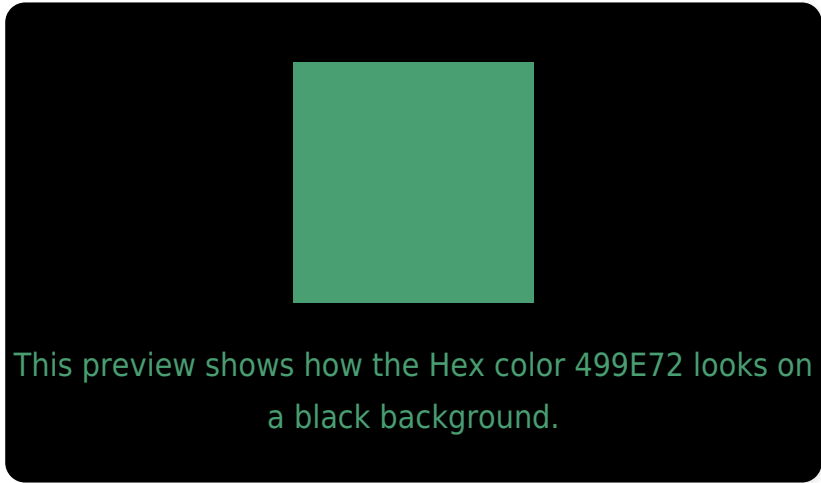
Large Text (above 18pt) WCAG AA ✓ Pass

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

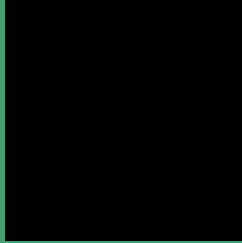
Any Text WCAG AA ✓ Pass

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 499E72 Background



This preview shows how black text looks on a background with the Hex color 499E72.



This preview shows how white text looks on a background with the Hex color 499E72.

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
5798A4

Trichromacy



Original Color
499E72



Protanomaly
7B936D



Deuteranomaly
829075



Tritanomaly
529A92

Monochromacy



Original Color
499E72



Achromatopsia
808080



Achromatomaly
6C8B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 499E72 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 #499E72 looks like.

```
.text, #text, p{  
    color:#499E72  
}
```

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 #499E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499E72  
}
```

Border

The CSS property to change the border of an element to Hex 499E72 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  
#499E72 }
```

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

```
.border{ border-color:#499E72 }
```

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

Here you see how a box with a 4 pixel #499E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499E72; -webkit-box-shadow:4px 4px  
4px 4px #499E72; box-shadow:4px 4px 4px  
4px #499E72 }
```

Background

The CSS property to change the background color of an element to Hex 499E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499E72 }
```

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

```
.background{ background-color:#499E72 }
```

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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