

Converting Colors

Hex(499A81)

Have a look what the booklet for
Hex(499A81) contains.

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Color

Hex(499A81)

Conversions

Conversions Part 1

Format	Color
Hex	499A81
RGB	73, 154, 129
RGB Percent	29%, 60%, 51%
CMY	0.7137, 0.3961, 0.4941
CMYK	0.53, 0.00, 0.16, 0.40
HSL	161°, 36%, 45%
HSV	161°, 53%, 60%
XYZ	18.2657, 26.1126, 24.8464
YIQ	126.9310, -40.2510, -24.9470

Conversions

Conversions Part 2

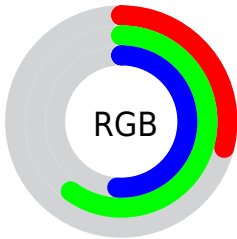
Format	Color
R_{YB}	73, 121, 154
Decimal	4823681
CIE _{Lab}	58.14, -31.05, 5.62
CIE _{LCh}	58, 31.552, 169.745
Yxy	26.1126, 0.2639, 0.3772
Android (android.graphics.Color)	4283013761 (0xFF499A81)
YUV	126.9310, 1.0200, -47.2975
Hunter-Lab	51.1005, -25.6218, 6.9420

Details

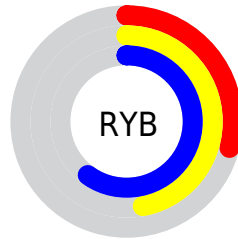
The Hex color **499A81** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A4962**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7FD1B6**, and **066650** is the 20% darker color. If you saturate the color by 10%, you get **3A9A7C**, and if you desaturate by 10%, it is **589A86**.

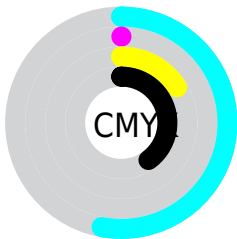
Distribution



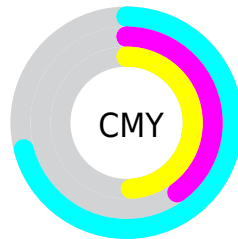
- Red (29%)
- Green (60%)
- Blue (51%)



- Red (29%)
- Yellow (47%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499A81 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 499A81 by changing the saturation by 10% instead.



499A81



499A81

FFFFFF



2D8068



7FD1B6



066650



9BEDD1



004E39



B7FFEE



003623



D4FFFF



00220E



F1FFFF



000000



499A81



499A81



3A9A7C



589A86



2A9A77



689A8B

■ 1B9A73

■ 779A8F

■ 0B9A6E

■ 879A94

■ 009A6A

■ 969A99

■ A59A9E

■ B59AA2

■ C49AA7

■ D49AAC

Harmonies

Analogous

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



6C9667



499A81



259A9D

Triad

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



499A81



8188C0



BA7D63

Complementary

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



499A81



9A4962

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.



C2777A



499A81



A57EB0

Square

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



499A81



5491C2



BB7796



A78755

Rectangle

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



499A81



1E99AE



BB7796



BE7B6A

Sweetspot

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



499A81



A9C9C0



639A49



536660



E6E6E6



666666

Same Dimension

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



499A81



4BC9A2



498B9A



454D4A



008C61



000D09

Inverse Universe

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



9A4962



C94B72



9A5849



4D4547



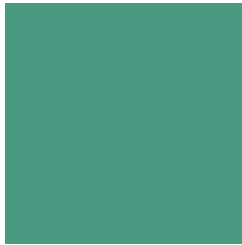
8C002B



0D0004

Previews

White Background



This preview shows how the Hex color 499A81 looks on a white background.

Color Contrast Check

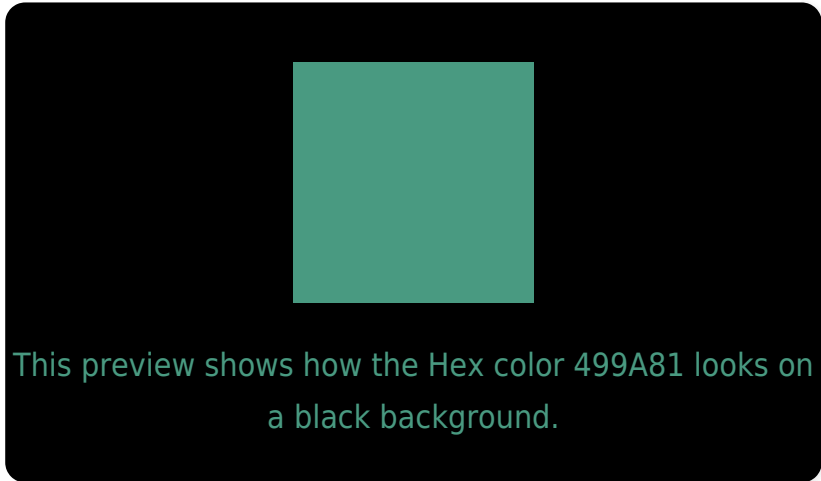
Large Text (above 18pt) WCAG AA ✓ Pass

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

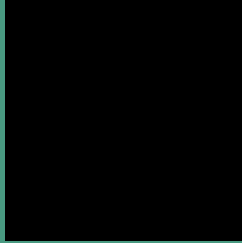
Any Text WCAG AA ✓ Pass

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 499A81 Background



This preview shows how black text looks on a background with the Hex color 499A81.

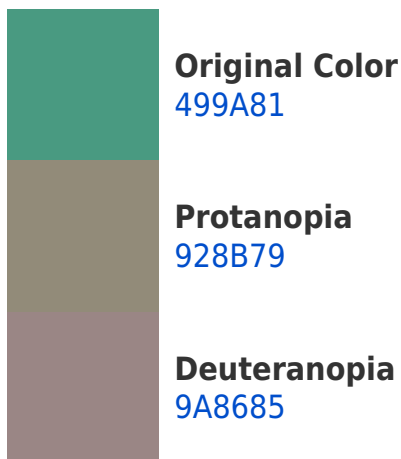


This preview shows how white text looks on a background with the Hex color 499A81.

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](#).

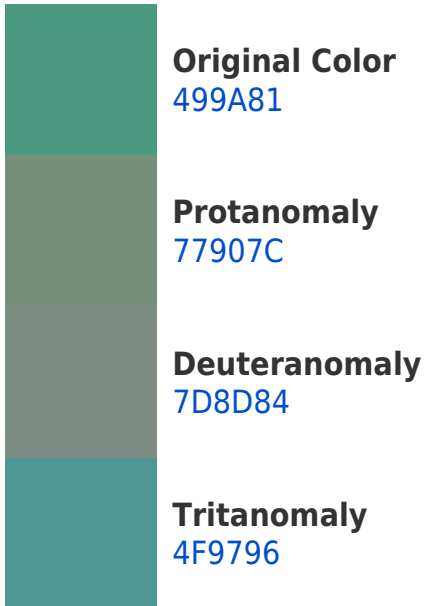
Dichromacy



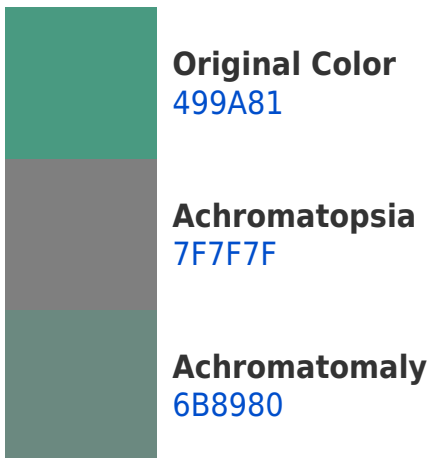


Tritanopia
5395A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 499A81 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 #499A81 looks like.

```
.text, #text, p{  
    color:#499A81  
}
```

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 #499A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499A81
}
```

Border

The CSS property to change the border of an element to Hex 499A81 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
#499A81 }
```

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

```
.border{ border-color:#499A81 }
```

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

Here you see how a box with a 4 pixel #499A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499A81; -webkit-box-shadow:4px 4px  
4px 4px #499A81; box-shadow:4px 4px 4px  
4px #499A81 }
```

Background

The CSS property to change the background color of an element to Hex 499A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499A81 }
```

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

```
.background{ background-color:#499A81 }
```

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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