

Converting Colors

Hex(499D82)

Have a look what the booklet for
Hex(499D82) contains.

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Color

Hex(499D82)

Conversions

Conversions Part 1

Format	Color
Hex	499D82
RGB	73, 157, 130
RGB Percent	29%, 62%, 51%
CMY	0.7137, 0.3843, 0.4902
CMYK	0.54, 0.00, 0.17, 0.38
HSL	161°, 37%, 45%
HSV	161°, 54%, 62%
XYZ	18.8339, 27.1421, 25.3654
YIQ	128.8060, -41.3970, -26.2050

Conversions

Conversions Part 2

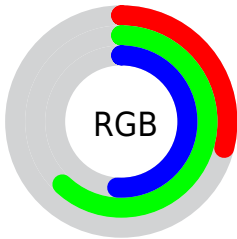
Format	Color
RYB	73, 123, 157
Decimal	4824450
CIELab	59.11, -32.23, 6.43
CIELCh	59, 32.867, 168.717
Yxy	27.1421, 0.2640, 0.3805
Android (android.graphics.Color)	4283014530 (0xFF499D82)
YUV	128.8060, 0.5886, -48.9419
Hunter-Lab	52.0981, -26.6425, 7.6017

Details

The Hex color **499D82** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D4964**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **80D4B7**, and **046951** is the 20% darker color. If you saturate the color by 10%, you get **399D7D**, and if you desaturate by 10%, it is **599D87**.

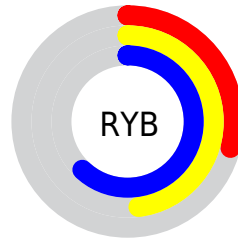
Distribution



Red (29%)

Green (62%)

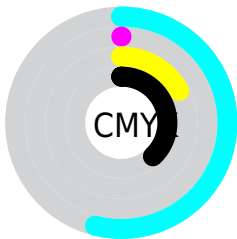
Blue (51%)



Red (29%)

Yellow (48%)

Blue (62%)

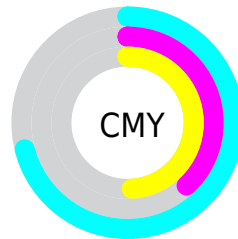


Cyan (54%)

Magenta (0%)

Yellow (17%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499D82 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 499D82 by changing the saturation by 10% instead.

 499D82

 499D82

FFFFFF

 2C8369

 80D4B7

 046951

 9CF1D3

 00503A

 B8FFEF

 003924

 D4FFFF

 00240F

 F2FFFF

 000000

 499D82

 499D82

 399D7D

 599D87

 2A9D78

 689D8C

■ 1A9D73

■ 789D91

■ 0A9D6E

■ 889D96

■ 009D6B

■ 989D9B

■ A79DA0

■ B79DA5

■ C79DAA

■ D69DAF

Harmonies

Analogous

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



6E9967



499D82



1F9EA0

Triad

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



499D82



828BC5



BF7F64

Complementary

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



499D82



9D4964

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.



C7787D



499D82



A880B5

Square

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



499D82



5194C6



BF799A



AB8956

Rectangle

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



499D82



129CB1



BF799A



C37C6C

Sweetspot

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



499D82



ABCCC2



659D49



536660



E6E6E6



666666

Same Dimension

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



499D82



49CCA2



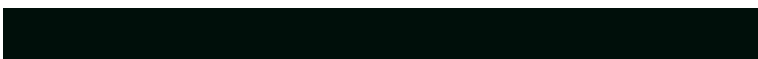
498F9D



474F4D



008F61



000F0A

Inverse Universe

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



9D4964



CC4973



9D5749



4F474A



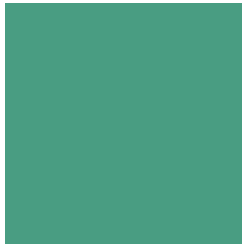
8F002E



0F0005

Previews

White Background



This preview shows how the Hex color 499D82 looks on a white background.

Color Contrast Check

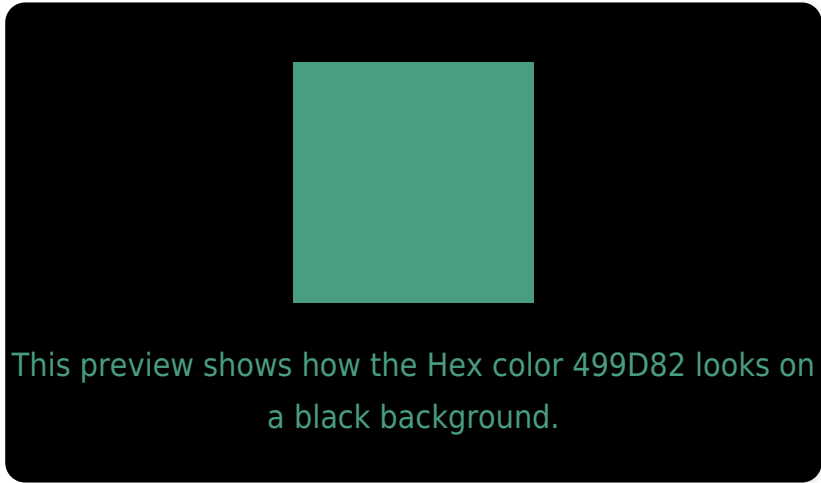
Large Text (above 18pt) WCAG AA ✓ Pass

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

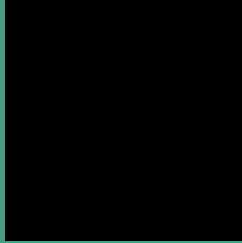
Any Text WCAG AA ✓ Pass

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 499D82 Background



This preview shows how black text looks on a background with the Hex color 499D82.

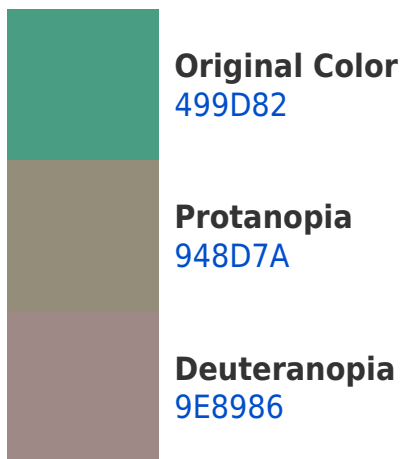


This preview shows how white text looks on a background with the Hex color 499D82.

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
5498A5

Trichromacy



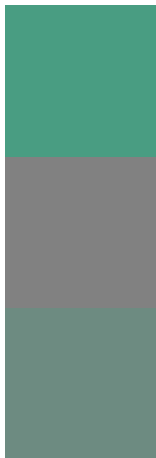
Original Color
499D82

Protanomaly
79937D

Deuteranomaly
7F9085

Tritanomaly
509A98

Monochromacy



Original Color
499D82

Achromatopsia
818181

Achromatomaly
6D8B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 499D82 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 #499D82 looks like.

```
.text, #text, p{  
    color:#499D82  
}
```

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 #499D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499D82
}
```

Border

The CSS property to change the border of an element to Hex 499D82 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
#499D82 }
```

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

```
.border{ border-color:#499D82 }
```

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

Here you see how a box with a 4 pixel #499D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499D82; -webkit-box-shadow:4px 4px  
4px 4px #499D82; box-shadow:4px 4px 4px  
4px #499D82 }
```

Background

The CSS property to change the background color of an element to Hex 499D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499D82 }
```

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

```
.background{ background-color:#499D82 }
```

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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