

# Converting Colors

Hex(499862)

Have a look what the booklet for  
Hex(499862) contains.

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# Color

Hex(499862)

# Conversions

## Conversions Part 1

Format	Color
Hex	499862
RGB	73, 152, 98
RGB Percent	29%, 60%, 38%
CMY	0.7137, 0.4039, 0.6157
CMYK	0.52, 0.00, 0.36, 0.40
HSL	139°, 35%, 44%
HSV	139°, 52%, 60%
XYZ	16.1805, 24.7548, 15.4806
YIQ	122.2230, -29.7500, -33.5420

# Conversions

## Conversions Part 2

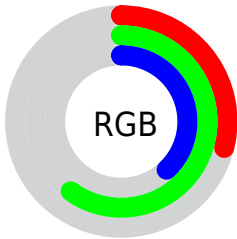
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 133, 152
Decimal	4823138
CIELab	56.84, -36.84, 21.19
CIElCh	57, 42.497, 150.086
Yxy	24.7548, 0.2868, 0.4388
Android (android.graphics.Color)	4283013218 (0xFF499862)
YUV	122.2230, -11.9419, -43.1686
Hunter-Lab	49.7542, -29.0200, 16.3803

# Details

The Hex color **499862** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **98497F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7FCF95**, and **0A6433** is the 20% darker color. If you saturate the color by 10%, you get **3A9858**, and if you desaturate by 10%, it is **58986C**.

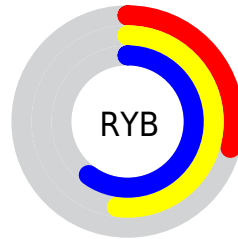
# Distribution



Red (29%)

Green (60%)

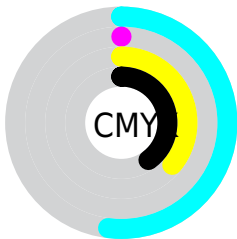
Blue (38%)



Red (29%)

Yellow (52%)

Blue (60%)

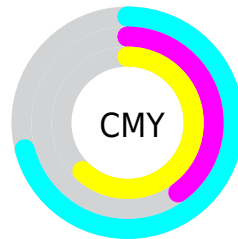


Cyan (52%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499862 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 499862 by changing the saturation by 10% instead.



 499862

 499862

FFFFFF

 2D7E4A

 7FCF95

 0A6433

 9AE8B0

 004C1D

 B6FFCB

 003405

 D3FFE8

 002000

 F0FFFF

 000000

 499862

 499862

 3A9858

 58986C

 2B984D

 679877

■ 1B9843

■ 779881

■ 0C9838

■ 86988C

■ 009830

■ 959896

■ A498A0

■ B398AB

■ C398B5

■ D298C0

# Harmonies

## Analogous

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



789146



499862



009B87

# Triad

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



499862



458CD2



CC6D65

# Complementary

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



499862



98497F

# 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.



CC698A



499862



8B7FC9

# Square

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



499862



0096C8



B671AE



BB7949

# Rectangle

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



499862



009BA1



B671AE



CE6B71



# Sweetspot

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



499862



A5C4AF



809849



516357



E3E3E3



636363



# Same Dimension

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



499862



4BC471



499888



454D47



008C2C



000D04



# Inverse Universe

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



98497F



C44B9E



984959



4D454A



8C0060



0D0009



# Previews

## White Background



This preview shows how the Hex color 499862 looks on a white background.

## Color Contrast Check

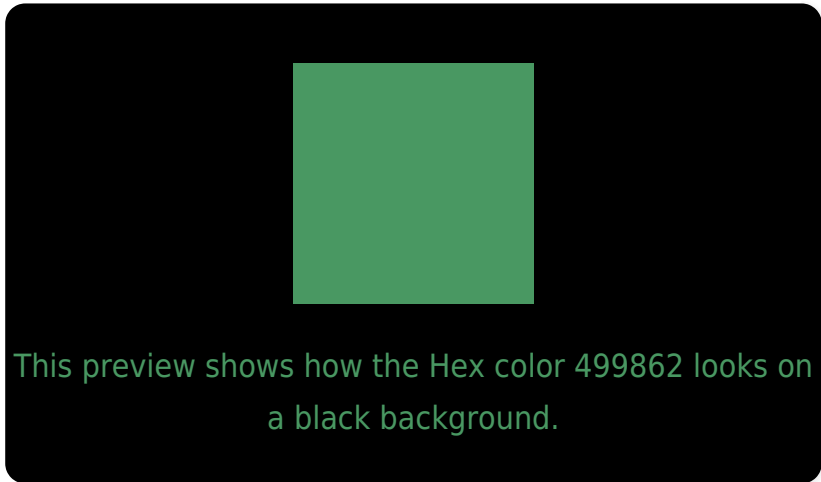
Large Text (above 18pt) WCAG AA ✓ Pass

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 499862 Background



This preview shows how black text looks on a background with the Hex color 499862.




This preview shows how white text looks on a background with the Hex color 499862.

# 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**  
58919D

# Trichromacy



**Original Color**  
499862

**Protanomaly**  
788E5E

**Deuteranomaly**  
808A65

**Tritanomaly**  
539488

# Monochromacy



**Original Color**  
499862

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
688571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499862 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 #499862 looks like.

```
.text, #text, p{  
    color:#499862  
}
```

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 #499862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499862
}
```

## Border

The CSS property to change the border of an element to Hex 499862 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
#499862 }
```

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

```
.border{ border-color:#499862 }
```

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

Here you see how a box with a 4 pixel #499862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499862; -webkit-box-shadow:4px 4px  
4px 4px #499862; box-shadow:4px 4px 4px  
4px #499862 }
```

# Background

The CSS property to change the background color of an element to Hex 499862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499862 }
```

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

```
.background{ background-color:#499862 }
```

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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