

# Converting Colors

Hex(499189)

Have a look what the booklet for  
Hex(499189) contains.

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# Color

Hex(499189)

# Conversions

## Conversions Part 1

Format	Color
Hex	499189
RGB	73, 145, 137
RGB Percent	29%, 57%, 54%
CMY	0.7137, 0.4314, 0.4627
CMYK	0.50, 0.00, 0.06, 0.43
HSL	173°, 33%, 43%
HSV	173°, 50%, 57%
XYZ	17.3884, 23.4734, 27.2813
YIQ	122.5600, -40.3440, -17.7520

# Conversions

## Conversions Part 2

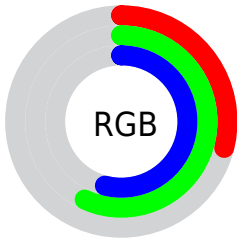
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 111, 145
Decimal	4821385
CIE <sub>Lab</sub>	55.56, -24.59, -2.71
CIE <sub>LCh</sub>	56, 24.741, 186.293
Yxy	23.4734, 0.2552, 0.3445
Android (android.graphics.Color)	4283011465 (0xFF499189)
YUV	122.5600, 7.1189, -43.4641
Hunter-Lab	48.4494, -20.7230, 0.5291

# Details

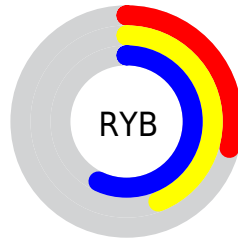
The Hex color **499189** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **914951**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7FC7BE**, and **0A5E57** is the 20% darker color. If you saturate the color by 10%, you get **3B9187**, and if you desaturate by 10%, it is **58918B**.

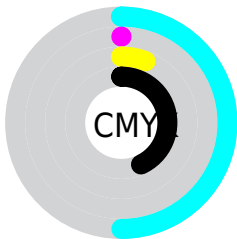
# Distribution



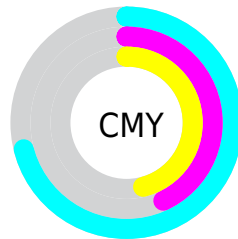
- Red (29%)
- Green (57%)
- Blue (54%)



- Red (29%)
- Yellow (44%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499189 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 499189 by changing the saturation by 10% instead.



 499189

 499189

FFFFFF


 2D7770

 7FC7BE

 0A5E57

 9AE3DA

 004640

 B6FFF7

 002F2A

 D3FFFF

 001C16

 F0FFFF

 000000

 499189

 499189

 3B9187

 58918B

 2C9186

 66918C

1D9184

74918E

0F9183

83918F

009181

929191

A09193

AF9194

BD9196

CB9197

# Harmonies

## Analogous

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



5F8F73



499189



41909E

# Triad

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



499189



8E7EA8



A37E5E

# Complementary

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



499189



914951

# 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.



AE786D



499189



A47897

# Square

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



499189



7086AF



AF7581



90855A

# Rectangle

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



499189



498EA8



AF7581



A87C62



# Sweetspot

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



499189



A0BDBA



519149



4D5E5C



DEDEDE



5E5E5E



# Same Dimension

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



499189



4BBDB0



497591



404747



008778



000807



# Inverse Universe

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



914951



BD4B58



916549



474041



87000F

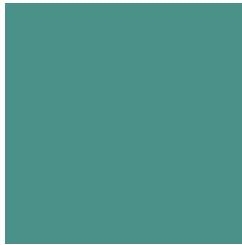


080001



# Previews

## White Background



This preview shows how the Hex color 499189 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

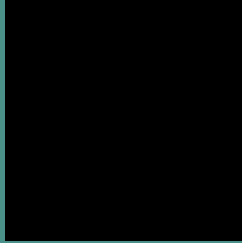
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 499189 Background



This preview shows how black text looks on a background with the Hex color 499189.

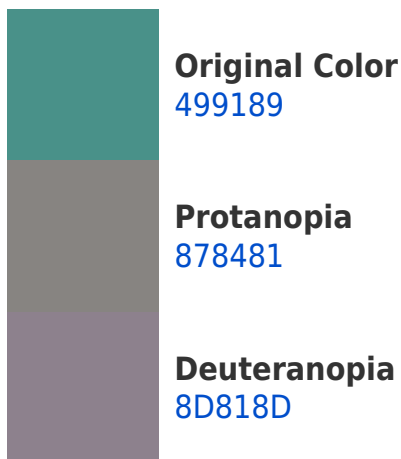


This preview shows how white text looks on a background with the Hex color 499189.

# 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**  
4E8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499189 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 #499189 looks like.

```
.text, #text, p{  
    color:#499189  
}
```

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 #499189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499189
}
```

## Border

The CSS property to change the border of an element to Hex 499189 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
#499189 }
```

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

```
.border{ border-color:#499189 }
```

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

Here you see how a box with a 4 pixel #499189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499189; -webkit-box-shadow:4px 4px  
4px 4px #499189; box-shadow:4px 4px 4px  
4px #499189 }
```

# Background

The CSS property to change the background color of an element to Hex 499189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499189 }
```

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

```
.background{ background-color:#499189 }
```

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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