

# Converting Colors

Hex(489899)

Have a look what the booklet for  
Hex(489899) contains.

<b>Hex(489899)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(489899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	489899
RGB	72, 152, 153
RGB Percent	28%, 60%, 60%
CMY	0.7176, 0.4039, 0.4000
CMYK	0.53, 0.01, 0.00, 0.40
HSL	181°, 36%, 44%
HSV	181°, 53%, 60%
XYZ	19.6505, 26.1341, 34.1457
YIQ	128.1940, -48.0010, -16.6490

# Conversions

## Conversions Part 2

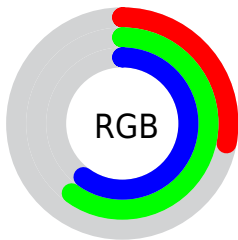
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 112, 153
Decimal	4757657
CIE <sub>Lab</sub>	58.16, -24.02, -8.01
CIE <sub>LCh</sub>	58, 25.321, 198.443
Yxy	26.1341, 0.2458, 0.3270
Android (android.graphics.Color)	4282947737 (0xFF489899)
YUV	128.1940, 12.2294, -49.2821
Hunter-Lab	51.1215, -20.8494, -3.8166

# Details

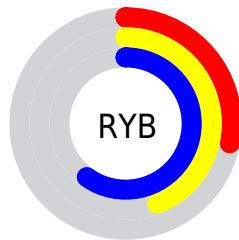
The Hex color **489899** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994948**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80CFCF**, and **006566** is the 20% darker color. If you saturate the color by 10%, you get **399899**, and if you desaturate by 10%, it is **579899**.

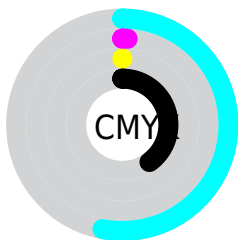
# Distribution



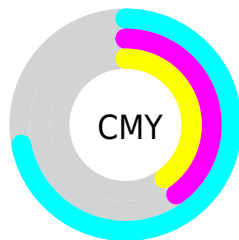
- Red (28%)
- Green (60%)
- Blue (60%)



- Red (28%)
- Yellow (44%)
- Blue (60%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489899 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 489899 by changing the saturation by 10% instead.



489899

489899

FFFFFF

2A7E7F

80CFCF

006566

9BEBEB

004C4E

B8FFFF

003537

D5FFFF

002122

F2FFFF

00000C

000000

489899

489899

399899

579899

■ 299899

■ 679899

■ 1A9799

■ 769999

■ 0B9799

■ 859999

■ 009799

■ 949999

■ A49999

■ B39999

■ C29A99

■ D29A99

# Harmonies

## Analogous

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



5B9882



489899



4A96AC

# Triad

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



489899



A081A9



A38761

# Complementary

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



489899



994948

# 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.



B3806C



489899



B27C95

# Square

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



489899



8389B6



B87C7F



8D8F61

# Rectangle

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



489899



5992B4



B87C7F



A98563



# Sweetspot

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



489899



A7C7C7



489948



516363



E3E3E3



636363



# Same Dimension

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



489899



48C5C7



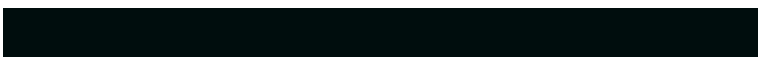
487199



454C4D



008B8C



000D0D



# Inverse Universe

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



994898



C748C5



997148



4D454C



8C008B

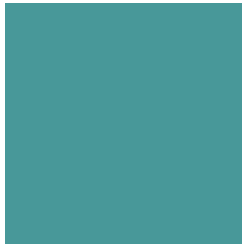


0D000D



# Previews

## White Background



This preview shows how the Hex color 489899 looks on a white background.

## Color Contrast Check

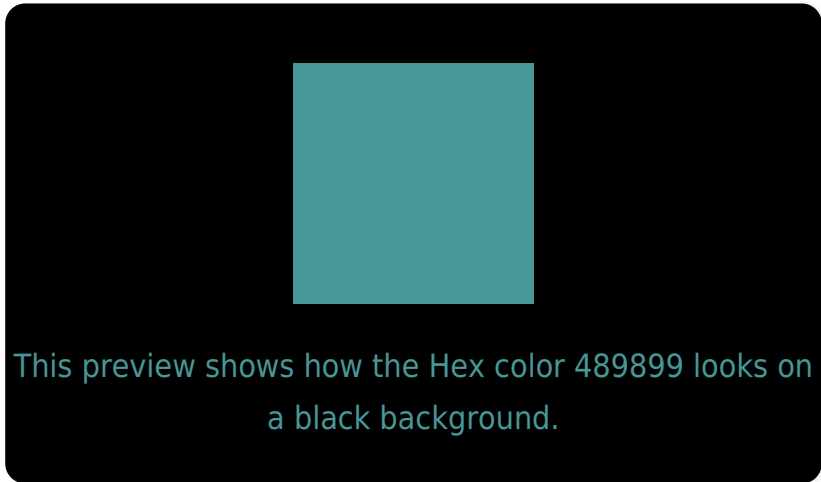
Large Text (above 18pt) WCAG AA ✓ Pass

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

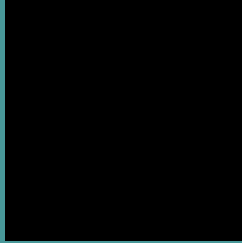
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 489899 Background



This preview shows how black text looks on a background with the Hex color 489899.

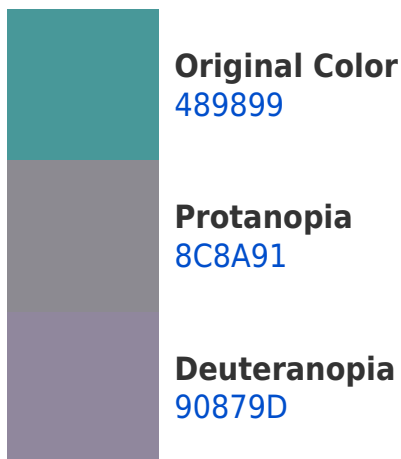


This preview shows how white text looks on a background with the Hex color 489899.

# 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



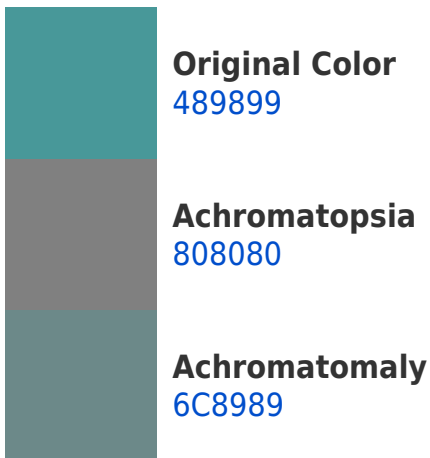


**Tritanopia**  
4C97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489899 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 #489899 looks like.

```
.text, #text, p{  
    color:#489899  
}
```

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 #489899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489899
}
```

## Border

The CSS property to change the border of an element to Hex 489899 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
#489899 }
```

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

```
.border{ border-color:#489899 }
```

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

Here you see how a box with a 4 pixel #489899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489899; -webkit-box-shadow:4px 4px  
4px 4px #489899; box-shadow:4px 4px 4px  
4px #489899 }
```

# Background

The CSS property to change the background color of an element to Hex 489899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489899 }
```

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

```
.background{ background-color:#489899 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor