

# Converting Colors

Hex(479897)

Have a look what the booklet for  
Hex(479897) contains.

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# Color

Hex(479897)

# Conversions

## Conversions Part 1

Format	Color
Hex	479897
RGB	71, 152, 151
RGB Percent	28%, 60%, 59%
CMY	0.7216, 0.4039, 0.4078
CMYK	0.53, 0.00, 0.01, 0.40
HSL	179°, 36%, 44%
HSV	179°, 53%, 60%
XYZ	19.4127, 26.0304, 33.2794
YIQ	127.6670, -47.9550, -17.4830

# Conversions

## Conversions Part 2

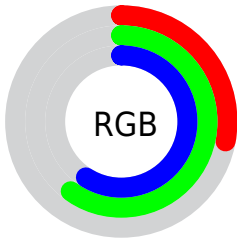
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 112, 152
Decimal	4692119
CIE <sub>Lab</sub>	58.07, -24.79, -7.02
CIE <sub>LCh</sub>	58, 25.769, 195.810
Yxy	26.0304, 0.2466, 0.3307
Android (android.graphics.Color)	4282882199 (0xFF479897)
YUV	127.6670, 11.5032, -49.6970
Hunter-Lab	51.0200, -21.3673, -2.9597

# Details

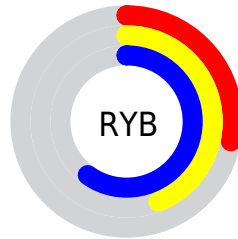
The Hex color **479897** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **984748**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7FCFCD**, and **006564** is the 20% darker color. If you saturate the color by 10%, you get **389897**, and if you desaturate by 10%, it is **569897**.

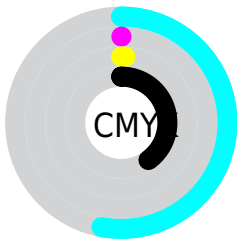
# Distribution



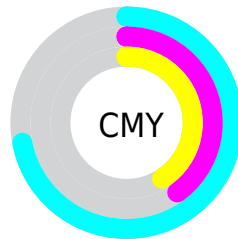
- Red (28%)
- Green (60%)
- Blue (59%)



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



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



- Cyan (72%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 479897 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 479897 by changing the saturation by 10% instead.



 479897

 479897

FFFFFF

 297E7D

 7FCFCD

 006564

 9AEBE9

 004C4C

 B7FFFF

 003536

 D4FFFF

 002120

 F1FFFF

 000009

 000000

 479897

 479897

 389897

 569897

■ 299897

■ 659897

■ 199896

■ 759898

■ 0A9896

■ 849898

■ 009896

■ 939898

■ A29898

■ B19898

■ C19899

■ D09899

# Harmonies

## Analogous

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



5C9780



479897



4696AB

# Triad

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



479897



9D82AB



A58660

# Complementary

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



479897



984748

# 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.



B47F6C



479897



B17C97

# Square

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



479897



808AB7



B97B80



8F8E60

# Rectangle

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



479897



5593B4



B97B80



AB8463



# Sweetspot

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



479897



A5C4C4



489847



516363



E3E3E3



636363



# Same Dimension

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



479897



47C4C3



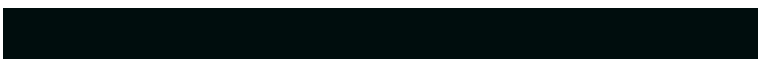
477198



454D4C



008C8B



000D0D



# Inverse Universe

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



984748



C44748



986E47



4D4545



8C0002

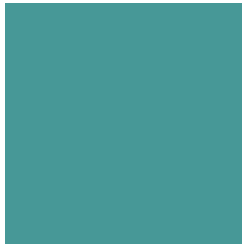


0D0000



# Previews

## White Background



This preview shows how the Hex color 479897 looks on a white background.

## Color Contrast Check

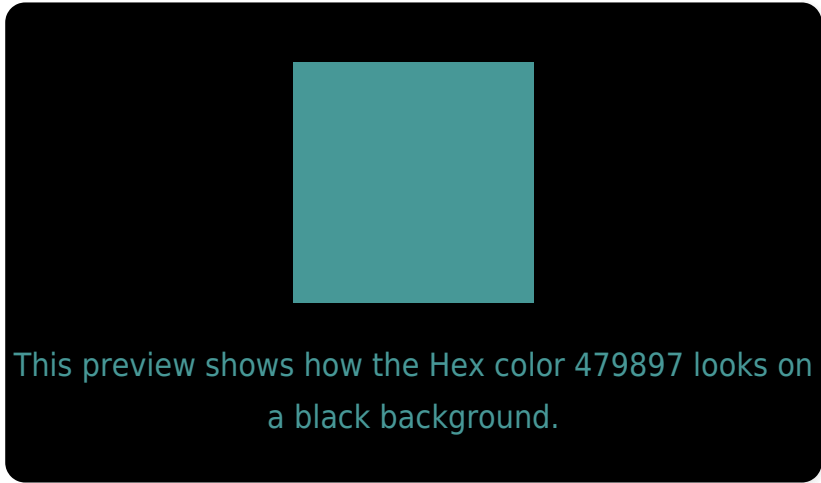
Large Text (above 18pt) WCAG AA ✓ Pass

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

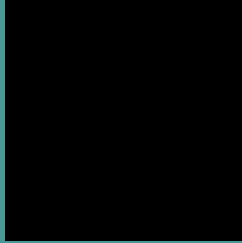
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 479897 Background



This preview shows how black text looks on a background with the Hex color 479897.

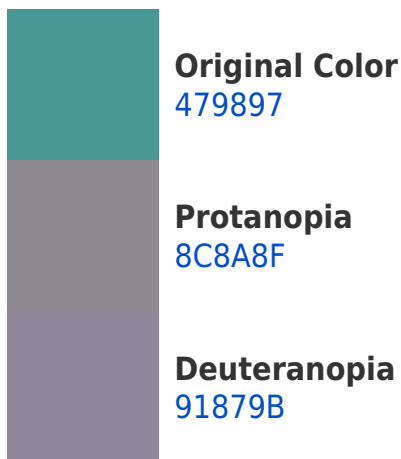



This preview shows how white text looks on a background with the Hex color 479897.

# 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](#).

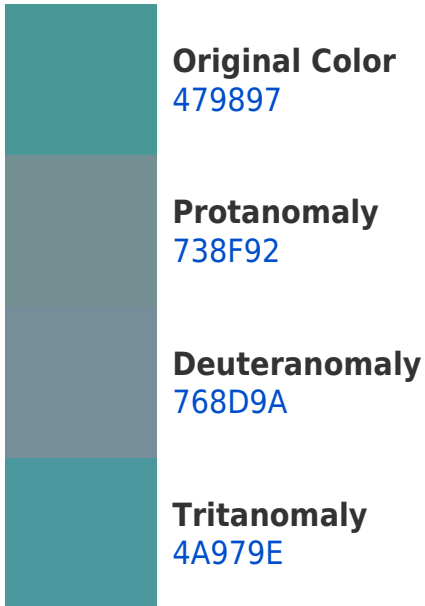
## Dichromacy





**Tritanopia**  
4B96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 479897 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 #479897 looks like.

```
.text, #text, p{  
    color:#479897  
}
```

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 #479897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479897  
}
```

## Border

The CSS property to change the border of an element to Hex 479897 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  
#479897 }
```

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

```
.border{ border-color:#479897 }
```

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

Here you see how a box with a 4 pixel #479897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479897; -webkit-box-shadow:4px 4px  
4px 4px #479897; box-shadow:4px 4px 4px  
4px #479897 }
```

# Background

The CSS property to change the background color of an element to Hex 479897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479897 }
```

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

```
.background{ background-color:#479897 }
```

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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