

# Converting Colors

Hex(479E7D)

Have a look what the booklet for  
Hex(479E7D) contains.

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**Color**

**Hex(479E7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	479E7D
RGB	71, 158, 125
RGB Percent	28%, 62%, 49%
CMY	0.7216, 0.3804, 0.5098
CMYK	0.55, 0.00, 0.21, 0.38
HSL	157°, 38%, 45%
HSV	157°, 55%, 62%
XYZ	18.5271, 27.2740, 23.6900
YIQ	128.2250, -41.2590, -28.7070

# Conversions

## Conversions Part 2

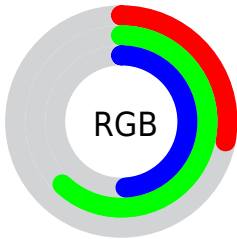
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 125, 158
Decimal	4693629
CIELab	59.23, -34.35, 9.41
CIElCh	59, 35.613, 164.677
Yxy	27.2740, 0.2666, 0.3925
Android (android.graphics.Color)	4282883709 (0xFF479E7D)
YUV	128.2250, -1.5899, -50.1863
Hunter-Lab	52.2245, -28.0685, 9.6621

# Details

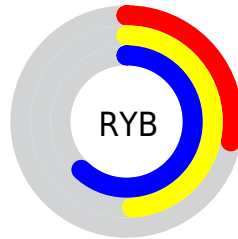
The Hex color **479E7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4768**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7ED5B2**, and **006A4C** is the 20% darker color. If you saturate the color by 10%, you get **379E77**, and if you desaturate by 10%, it is **579E83**.

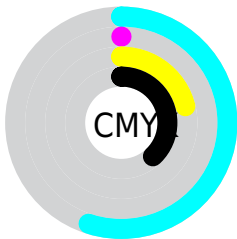
# Distribution



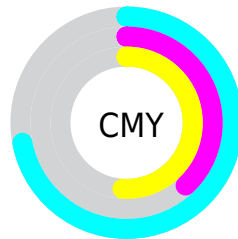
- Red (28%)
- Green (62%)
- Blue (49%)



- Red (28%)
- Yellow (49%)
- Blue (62%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 479E7D 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 479E7D by changing the saturation by 10% instead.





479E7D



479E7D

FFFFFF



2A8464



7ED5B2



006A4C



9AF2CD



005135



B6FFE9



003920



D3FFFF



002509



F0FFFF



000000



479E7D



479E7D



379E77



579E83



279E71



679E89

■ 189E6B

■ 769E8F

■ 089E65

■ 869E95

■ 009E62

■ 969E9B

■ A69EA1

■ B69EA7

■ C59EAD

■ D59EB3

# Harmonies

## Analogous

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



719961



479E7D



009F9D

# Triad

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



479E7D



798CCB



C57D64

# Complementary

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



479E7D



9E4768

# 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.



CB7680



479E7D



A581BB

# Square

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



479E7D



3F96CA



C178A0



B18752

# Rectangle

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



479E7D



009EB1



C178A0



C87A6D



# Sweetspot

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



479E7D



ABCFC1



689E47



546961



E8E8E8



696969



# Same Dimension

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



479E7D



46CF9B



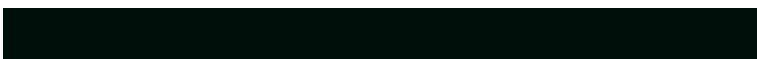
47949E



474F4C



008F59



000F09



# Inverse Universe

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



9E4768



CF467A



9E5147



4F474A



8F0036

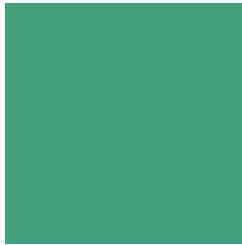


0F0006



# Previews

## White Background



This preview shows how the Hex color 479E7D looks on a white background.

## Color Contrast Check

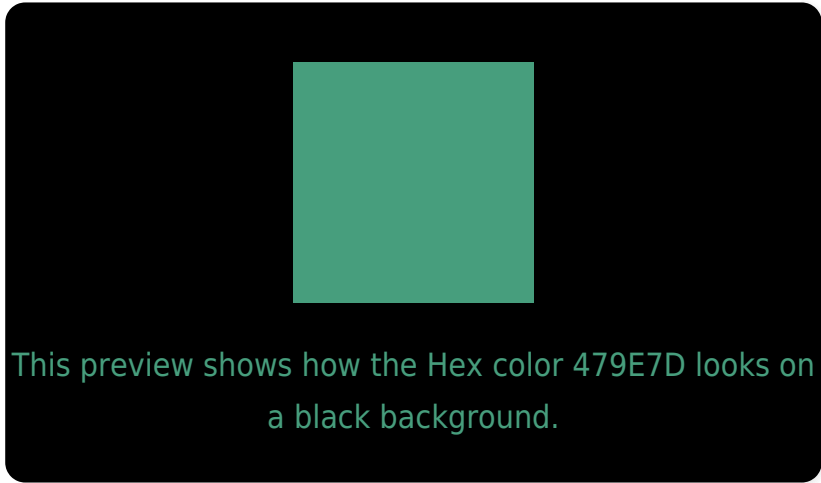
Large Text (above 18pt) WCAG AA ✓ Pass

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

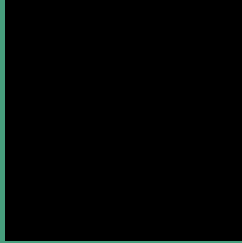
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 479E7D Background



This preview shows how black text looks on a background with the Hex color 479E7D.

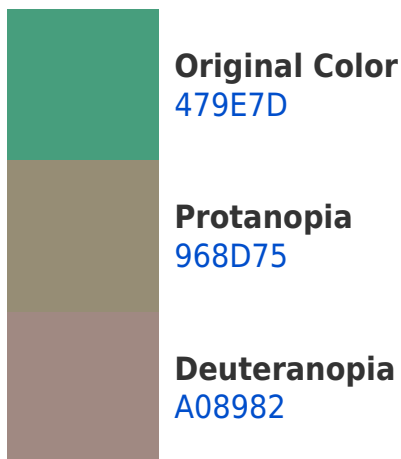


This preview shows how white text looks on a background with the Hex color 479E7D.

# 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**  
5399A5

# Trichromacy



**Original Color**  
479E7D



**Protanomaly**  
799378



**Deuteranomaly**  
809180



**Tritanomaly**  
4F9B96

# Monochromacy



**Original Color**  
479E7D



**Achromatopsia**  
808080



**Achromatomaly**  
6B8B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 479E7D 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 #479E7D looks like.

```
.text, #text, p{  
    color:#479E7D  
}
```

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 #479E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479E7D
}
```

## Border

The CSS property to change the border of an element to Hex 479E7D 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
#479E7D }
```

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

```
.border{ border-color:#479E7D }
```

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

Here you see how a box with a 4 pixel #479E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479E7D; -webkit-box-shadow:4px 4px  
4px 4px #479E7D; box-shadow:4px 4px 4px  
4px #479E7D }
```

# Background

The CSS property to change the background color of an element to Hex 479E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479E7D }
```

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

```
.background{ background-color:#479E7D }
```

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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