

# Converting Colors

Hex(459D9E)

Have a look what the booklet for  
Hex(459D9E) contains.

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# Color

Hex(459D9E)

# Conversions

## Conversions Part 1

Format	Color
Hex	459D9E
RGB	69, 157, 158
RGB Percent	27%, 62%, 62%
CMY	0.7294, 0.3843, 0.3804
CMYK	0.56, 0.01, 0.00, 0.38
HSL	181°, 39%, 45%
HSV	181°, 56%, 62%
XYZ	20.6828, 27.8478, 36.6328
YIQ	130.8020, -52.7690, -18.3450

# Conversions

## Conversions Part 2

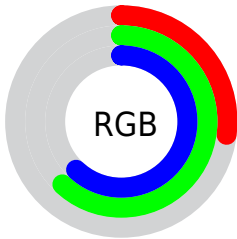
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 113, 158
Decimal	4562334
CIE <sub>Lab</sub>	59.75, -25.77, -8.50
CIE <sub>LCh</sub>	60, 27.136, 198.248
Yxy	27.8478, 0.2429, 0.3270
Android (android.graphics.Color)	4282752414 (0xFF459D9E)
YUV	130.8020, 13.4086, -54.2004
Hunter-Lab	52.7710, -22.3889, -4.2185

# Details

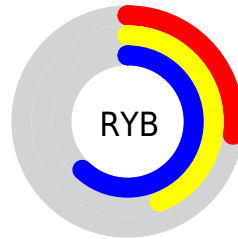
The Hex color **459D9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E4645**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7ED4D5**, and **00696B** is the 20% darker color. If you saturate the color by 10%, you get **359D9E**, and if you desaturate by 10%, it is **559D9E**.

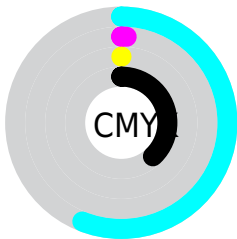
# Distribution



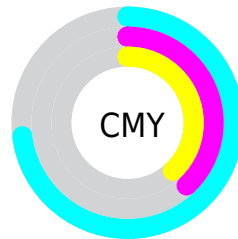
- Red (27%)
- Green (62%)
- Blue (62%)



- Red (27%)
- Yellow (44%)
- Blue (62%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 459D9E 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 459D9E by changing the saturation by 10% instead.



 459D9E

 459D9E

FFFFFF

 258384

 7ED4D5

 00696B

 9AF0F1

 005153

 B7FFFF

 00393C

 D4FFFF

 002426

 F1FFFF

 000112

 000000

 459D9E

 459D9E

 359D9E

 559D9E

■ 259D9E

■ 659D9E

■ 169C9E

■ 749E9E

■ 069C9E

■ 849E9E

■ 009C9E

■ 949E9E

■ A49E9E

■ B49E9E

■ C39E9E

■ D39F9E

# Harmonies

## Analogous

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



5B9C85



459D9E



469BB3

# Triad

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



459D9E



A585B0



A98B61

# Complementary

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



459D9E



9E4645

# 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.



BA836D



459D9E



B97F9A

# Square

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



459D9E



868DBD



C07F82



929362

# Rectangle

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



459D9E



5797BC



C07F82



B08864



# Sweetspot

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



459D9E



ABCECF



459E45



546869



E8E8E8



696969



# Same Dimension

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



459D9E



42CDCF



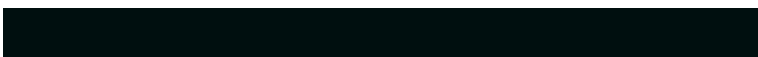
45729E



474F4F



008D8F



000F0F



# Inverse Universe

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



9E459D



CF42CD



9E7245



4F474F



8F008D

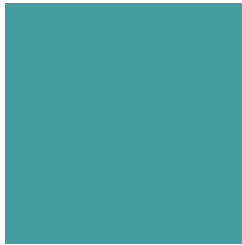


0F000F



# Previews

## White Background



This preview shows how the Hex color 459D9E looks on a white background.

## Color Contrast Check

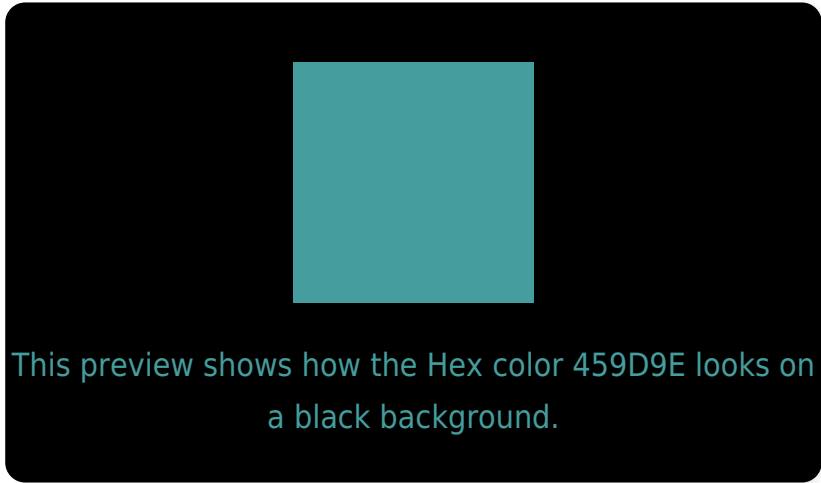
Large Text (above 18pt) WCAG AA ✓ Pass

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

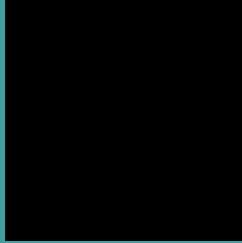
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 459D9E Background



This preview shows how black text looks on a background with the Hex color 459D9E.

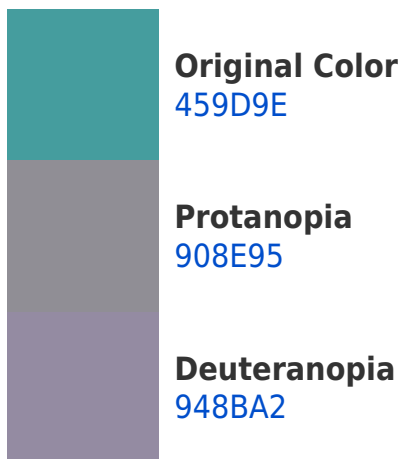


This preview shows how white text looks on a background with the Hex color 459D9E.

# 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**  
499BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459D9E 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 #459D9E looks like.

```
.text, #text, p{  
    color:#459D9E  
}
```

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 #459D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459D9E
}
```

## Border

The CSS property to change the border of an element to Hex 459D9E 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
#459D9E }
```

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

```
.border{ border-color:#459D9E }
```

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

Here you see how a box with a 4 pixel #459D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459D9E; -webkit-box-shadow:4px 4px  
4px 4px #459D9E; box-shadow:4px 4px 4px  
4px #459D9E }
```

# Background

The CSS property to change the background color of an element to Hex 459D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459D9E }
```

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

```
.background{ background-color:#459D9E }
```

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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