

# Converting Colors

Hex(459E8B)

Have a look what the booklet for  
Hex(459E8B) contains.

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# Color

Hex(459E8B)

# Conversions

## Conversions Part 1

Format	Color
Hex	459E8B
RGB	69, 158, 139
RGB Percent	27%, 62%, 55%
CMY	0.7294, 0.3804, 0.4549
CMYK	0.56, 0.00, 0.12, 0.38
HSL	167°, 39%, 45%
HSV	167°, 56%, 62%
XYZ	19.3413, 27.5830, 28.7308
YIQ	129.2230, -46.9450, -24.7770

# Conversions

## Conversions Part 2

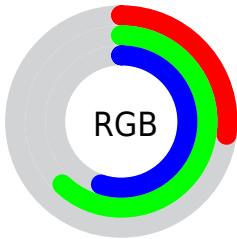
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 119, 158
Decimal	4562571
CIE Lab	59.51, -31.38, 1.91
CIE LCh	60, 31.439, 176.517
Yxy	27.5830, 0.2557, 0.3646
Android (android.graphics.Color)	4282752651 (0xFF459E8B)
YUV	129.2230, 4.8201, -52.8156
Hunter-Lab	52.5195, -26.1732, 4.3291

# Details

The Hex color **459E8B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E4558**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7DD5C0**, and **006A59** is the 20% darker color. If you saturate the color by 10%, you get **359E88**, and if you desaturate by 10%, it is **559E8E**.

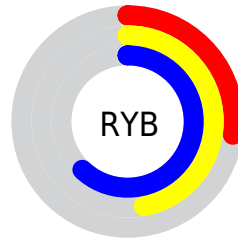
# Distribution



Red (27%)

Green (62%)

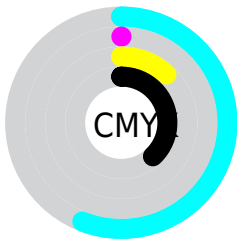
Blue (55%)



Red (27%)

Yellow (47%)

Blue (62%)

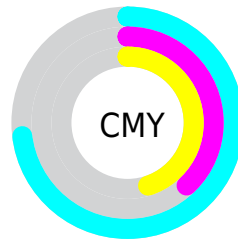


Cyan (56%)

Magenta (0%)

Yellow (12%)

Black (38%)



Cyan (73%)

Magenta (38%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 459E8B 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 459E8B by changing the saturation by 10% instead.





459E8B



459E8B

FFFFFF



268472



7DD5C0



006A59



99F2DC



005142



B5FFF9



003A2C



D2FFFF



002517



FFFFFF



000000



459E8B



459E8B



359E88



559E8E



259E84



659E92

■ 169E81

■ 749E95

■ 069E7E

■ 849E98

■ 009E7C

■ 949E9C

■ A49E9F

■ B49EA3

■ C39EA6

■ D39EA9

# Harmonies

## Analogous

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



689B70



459E8B



279EA7

# Triad

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



459E8B



8E89C1



BA8362

# Complementary

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



459E8B



9E4558

# 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.



C57C78



459E8B



AF80AE

# Square

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



459E8B



6393C6



C27A94



A58D58

# Rectangle

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



459E8B



2B9CB7



C27A94



BF8068



# Sweetspot

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



459E8B



ABCFC7



589E45



546964



E8E8E8



696969



# Same Dimension

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



459E8B



42CFB1



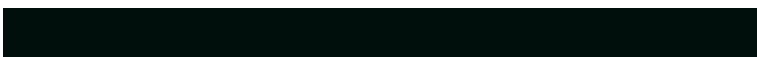
45859E



474F4D



008F70



000F0C



# Inverse Universe

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



9E4558



CF4260



9E5E45



4F4749



8F001E

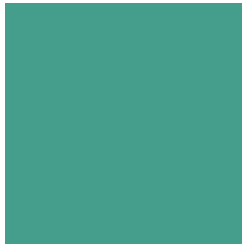


0F0003



# Previews

## White Background



This preview shows how the Hex color 459E8B looks on a white background.

## Color Contrast Check

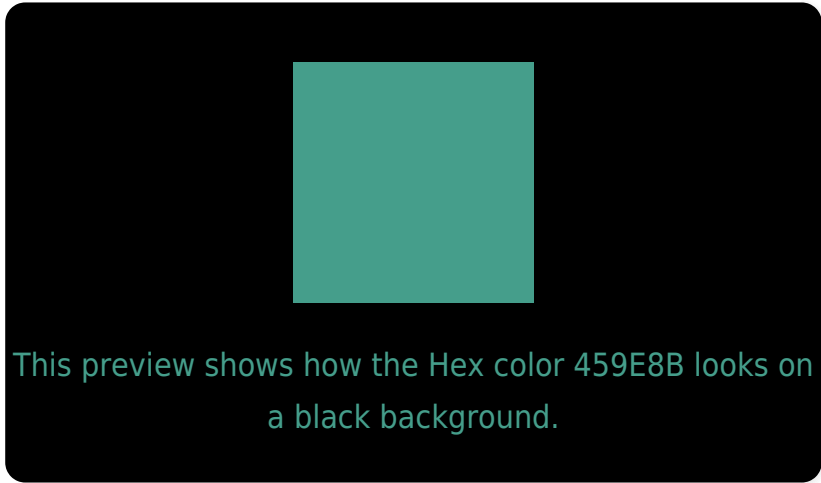
Large Text (above 18pt) WCAG AA ✓ Pass

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

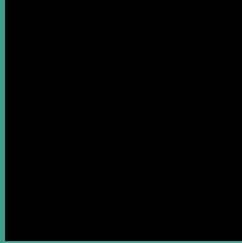
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 459E8B Background



This preview shows how black text looks on a background with the Hex color 459E8B.

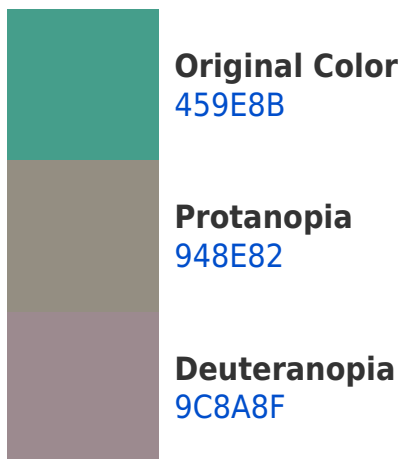


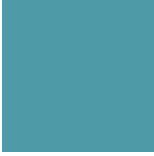
This preview shows how white text looks on a background with the Hex color 459E8B.

# 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**  
4F9AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459E8B 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 #459E8B looks like.

```
.text, #text, p{  
    color:#459E8B  
}
```

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 #459E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459E8B
}
```

## Border

The CSS property to change the border of an element to Hex 459E8B 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
#459E8B }
```

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

```
.border{ border-color:#459E8B }
```

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

Here you see how a box with a 4 pixel #459E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459E8B; -webkit-box-shadow:4px 4px  
4px 4px #459E8B; box-shadow:4px 4px 4px  
4px #459E8B }
```

# Background

The CSS property to change the background color of an element to Hex 459E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459E8B }
```

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

```
.background{ background-color:#459E8B }
```

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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