

Converting Colors

Hex(459D8F)

Have a look what the booklet for
Hex(459D8F) contains.

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Color

Hex(459D8F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 459D8F |
| RGB | 69, 157, 143 |
| RGB Percent | 27%, 62%, 56% |
| CMY | 0.7294, 0.3843, 0.4392 |
| CMYK | 0.56, 0.00, 0.09, 0.38 |
| HSL | 170°, 39%, 44% |
| HSV | 170°, 56%, 62% |
| XYZ | 19.4691, 27.3623, 30.2419 |
| YIQ | 129.0920, -47.9540, -23.0100 |

Conversions

Conversions Part 2

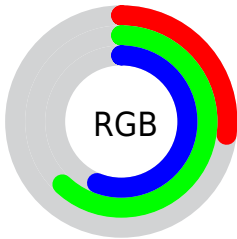
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 69, 117, 157 |
| Decimal | 4562319 |
| CIE _{Lab} | 59.31, -29.86, -0.65 |
| CIE _{LCh} | 59, 29.871, 181.245 |
| Y _{xy} | 27.3623, 0.2526, 0.3550 |
| Android (android.graphics.Color) | 4282752399 (0xFF459D8F) |
| YUV | 129.0920, 6.8566, -52.7007 |
| Hunter-Lab | 52.3090, -25.1040, 2.3384 |

Details

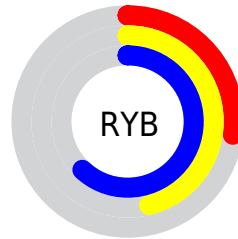
The Hex color **459D8F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4553**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7DD4C5**, and **00695D** is the 20% darker color. If you saturate the color by 10%, you get **359D8D**, and if you desaturate by 10%, it is **559D91**.

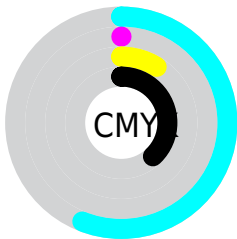
Distribution



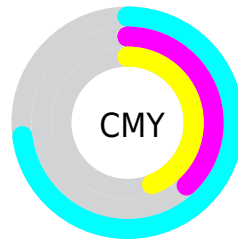
- Red (27%)
- Green (62%)
- Blue (56%)



- Red (27%)
- Yellow (46%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459D8F 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 459D8F by changing the saturation by 10% instead.



459D8F



459D8F

FFFFFF



268375



7DD4C5



00695D



99F1E1



005045



B5FFFD



00392F



D2FFFF



00241A



EFFFFFF



000000



459D8F



459D8F



359D8D



559D91



269D8A



649D94

■ 169D88

■ 749D96

■ 069D85

■ 849D99

■ 009D84

■ 939D9B

■ A39D9E

■ B39DA0

■ C39DA3

■ D29DA5

Harmonies

Analogous

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



659B75



459D8F



319CA9

Triad

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



459D8F



9488BC



B58462

Complementary

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



459D8F



9D4553

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.



C17D75



459D8F



B17FA8

Square

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



459D8F



6C91C3



C17B8F



A08E5A

Rectangle

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



459D8F



399AB7



C17B8F



BB8267

Sweetspot

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



459D8F



A9CCC6



549D45



526663



E6E6E6



666666

Same Dimension

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



459D8F



43CCB6



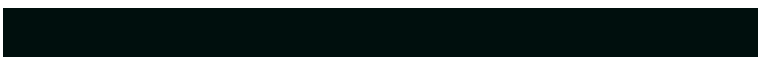
45809D



474F4E



008F78



000F0D

Inverse Universe

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



9D4553



CC4359



9D6245



4F4748



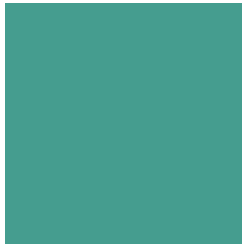
8F0017



0F0002

Previews

White Background



This preview shows how the Hex color 459D8F looks on a white background.

Color Contrast Check

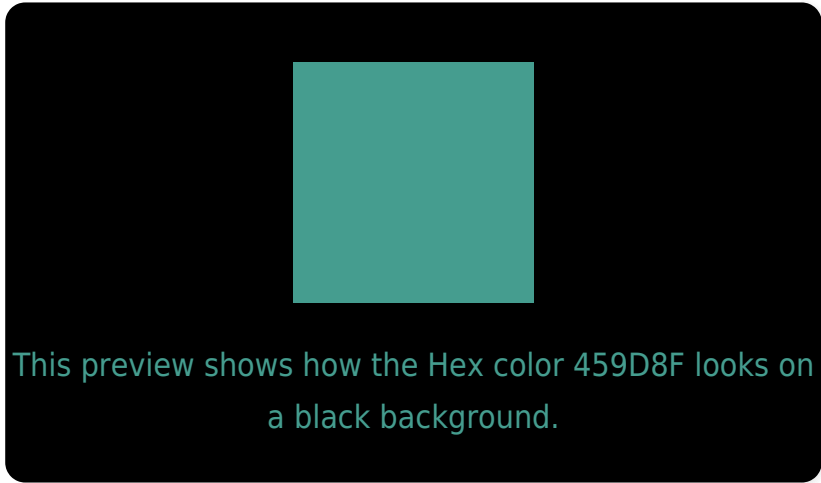
Large Text (above 18pt) WCAG AA ✓ Pass

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

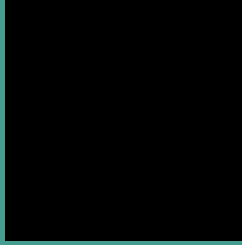
Any Text WCAG AA ✓ Pass

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 459D8F Background



This preview shows how black text looks on a background with the Hex color 459D8F.

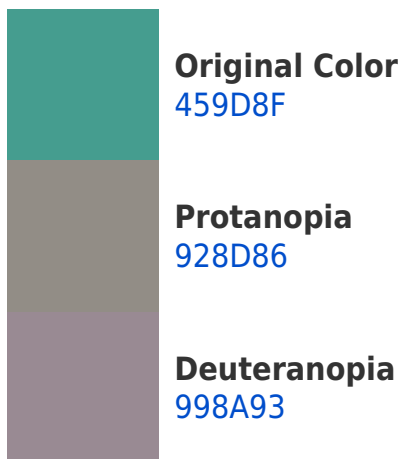


This preview shows how white text looks on a background with the Hex color 459D8F.

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



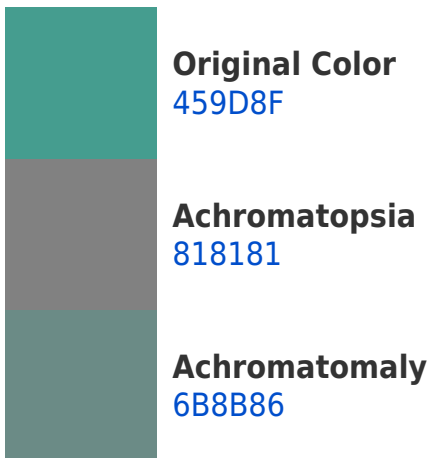


Tritanopia
4D9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459D8F 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 #459D8F looks like.

```
.text, #text, p{  
    color:#459D8F  
}
```

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 #459D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459D8F
}
```

Border

The CSS property to change the border of an element to Hex 459D8F 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
#459D8F }
```

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

```
.border{ border-color:#459D8F }
```

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

Here you see how a box with a 4 pixel #459D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459D8F; -webkit-box-shadow:4px 4px  
4px 4px #459D8F; box-shadow:4px 4px 4px  
4px #459D8F }
```

Background

The CSS property to change the background color of an element to Hex 459D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459D8F }
```

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

```
.background{ background-color:#459D8F }
```

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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