

Converting Colors

Hex(459B88)

Have a look what the booklet for
Hex(459B88) contains.

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Color

Hex(459B88)

Conversions

Conversions Part 1

Format	Color
Hex	459B88
RGB	69, 155, 136
RGB Percent	27%, 61%, 53%
CMY	0.7294, 0.3922, 0.4667
CMYK	0.55, 0.00, 0.12, 0.39
HSL	167°, 38%, 44%
HSV	167°, 55%, 61%
XYZ	18.6195, 26.4855, 27.4234
YIQ	127.1200, -45.1570, -24.1410

Conversions

Conversions Part 2

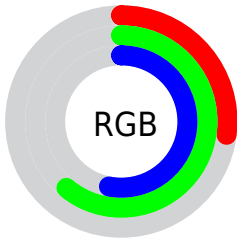
Format	Color
R _{YB}	69, 117, 155
Decimal	4561800
CIE Lab	58.50, -30.71, 2.14
CIE LCh	58, 30.784, 176.022
Yxy	26.4855, 0.2567, 0.3652
Android (android.graphics.Color)	4282751880 (0xFF459B88)
YUV	127.1200, 4.3778, -50.9712
Hunter-Lab	51.4640, -25.4813, 4.4312

Details

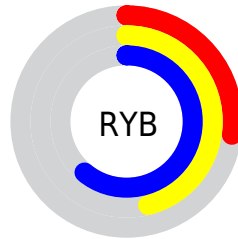
The Hex color **459B88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B4558**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7CD2BD**, and **006756** is the 20% darker color. If you saturate the color by 10%, you get **369B85**, and if you desaturate by 10%, it is **559B8B**.

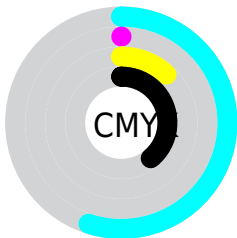
Distribution



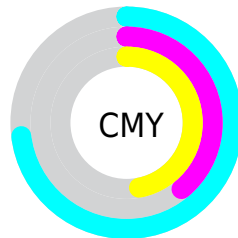
- Red (27%)
- Green (61%)
- Blue (53%)



- Red (27%)
- Yellow (46%)
- Blue (61%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (73%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459B88 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 459B88 by changing the saturation by 10% instead.



459B88



459B88

FFFFFF



27816F



7CD2BD



006756



98EED9



004F3F



B4FFF5



003729



D1FFFF



002315



EEFFFF



000000



459B88



459B88



369B85



559B8B



269B81



649B8F

■ 169B7E

■ 739B92

■ 079B7A

■ 839B96

■ 009B79

■ 939B99

■ A29B9D

■ B19BA0

■ C19BA3

■ D19BA7

Harmonies

Analogous

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



67986E



459B88



289BA3

Triad

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



459B88



8B87BD



B78161

Complementary

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



459B88



9B4558

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.



C17976



459B88



AB7EAB

Square

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



459B88



6190C2



BE7891



A28A57

Rectangle

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



459B88



2B99B3



BE7891



BC7E67

Sweetspot

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



459B88



A7C9C2



599B45



526661



E6E6E6



666666

Same Dimension

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



459B88



42C9AC



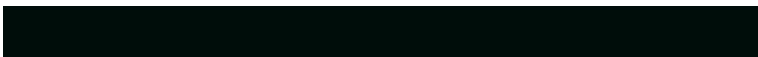
45849B



454D4B



008C6D



000D0A

Inverse Universe

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



9B4558



C94260



9B5C45



4D4547



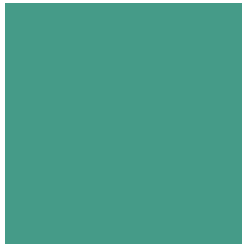
8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 459B88 looks on a white background.

Color Contrast Check

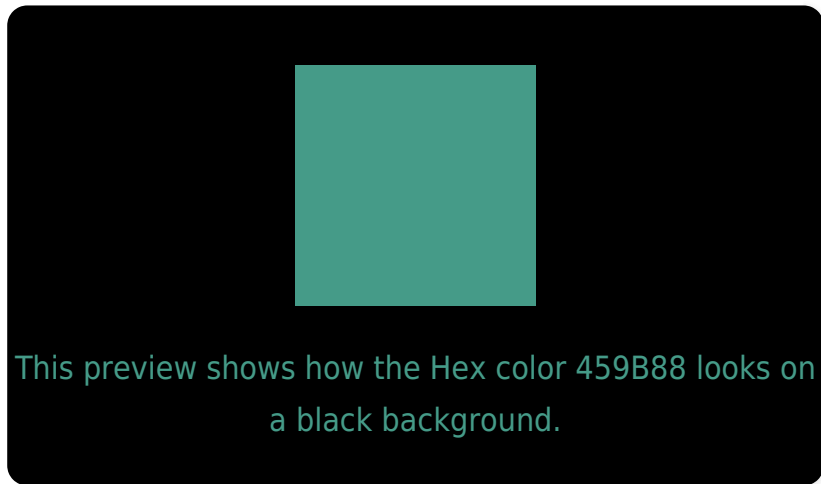
Large Text (above 18pt) WCAG AA ✓ Pass

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

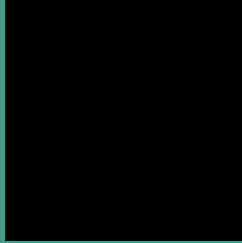
Any Text WCAG AA ✓ Pass

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 459B88 Background



This preview shows how black text looks on a background with the Hex color 459B88.

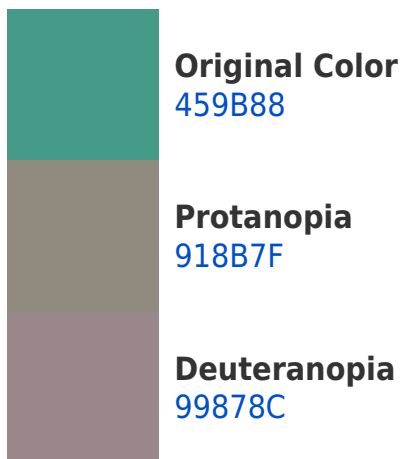


This preview shows how white text looks on a background with the Hex color 459B88.

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
4E97A3

Trichromacy



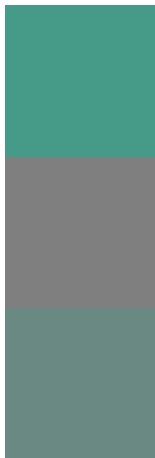
Original Color
459B88

Protanomaly
759182

Deuteranomaly
7A8E8B

Tritanomaly
4B9899

Monochromacy



Original Color
459B88

Achromatopsia
7F7F7F

Achromatomaly
6A8982

CSS Examples

Text

The CSS property to change the color of the text to Hex 459B88 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 #459B88 looks like.

```
.text, #text, p{  
    color:#459B88  
}
```

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 #459B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459B88
}
```

Border

The CSS property to change the border of an element to Hex 459B88 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
#459B88 }
```

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

```
.border{ border-color:#459B88 }
```

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

Here you see how a box with a 4 pixel #459B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459B88; -webkit-box-shadow:4px 4px  
4px 4px #459B88; box-shadow:4px 4px 4px  
4px #459B88 }
```

Background

The CSS property to change the background color of an element to Hex 459B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459B88 }
```

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

```
.background{ background-color:#459B88 }
```

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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