

# Converting Colors

Hex(459188)

Have a look what the booklet for  
Hex(459188) contains.

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# Color

Hex(459188)

# Conversions

## Conversions Part 1

Format	Color
Hex	459188
RGB	69, 145, 136
RGB Percent	27%, 57%, 53%
CMY	0.7294, 0.4314, 0.4667
CMYK	0.52, 0.00, 0.06, 0.43
HSL	173°, 36%, 42%
HSV	173°, 52%, 57%
XYZ	17.0236, 23.2936, 26.8914
YIQ	121.2500, -42.4070, -18.9110

# Conversions

## Conversions Part 2

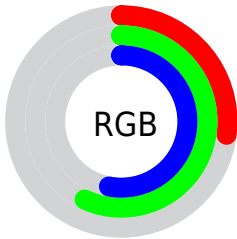
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 109, 145
Decimal	4559240
CIELab	55.37, -25.80, -2.42
CIELCh	55, 25.915, 185.368
Yxy	23.2936, 0.2533, 0.3466
Android (android.graphics.Color)	4282749320 (0xFF459188)
YUV	121.2500, 7.2717, -45.8233
Hunter-Lab	48.2634, -21.5001, 0.7492

# Details

The Hex color **459188** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91454E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7BC7BD**, and **005E56** is the 20% darker color. If you saturate the color by 10%, you get **379186**, and if you desaturate by 10%, it is **53918A**.

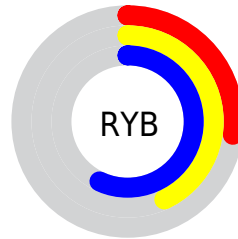
# Distribution



Red (27%)

Green (57%)

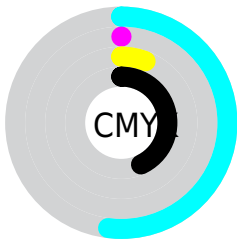
Blue (53%)



Red (27%)

Yellow (43%)

Blue (57%)

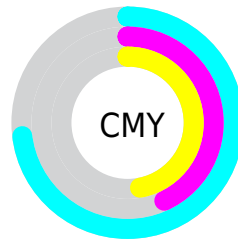


Cyan (52%)

Magenta (0%)

Yellow (6%)

Black (43%)



Cyan (73%)

Magenta (43%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 459188 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 459188 by changing the saturation by 10% instead.



 459188

 459188


FFFFFF

 28776F

 7BC7BD

 005E56

 97E3D9

 00463F

 B3FFF5

 002F29

 CFFFFFF

 001C15

 EDFFFF

 000000

 459188

 459188

 379186

 53918A

 289185

 62918B

■ 199183

■ 71918D

■ 0B9181

■ 7F918F

■ 009180

■ 8D9191

■ 9C9192

■ AB9194

■ B99196

■ C89197

# Harmonies

## Analogous

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



5E8F71



459188



3A909E

# Triad

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



459188



8D7DA9



A47D5C

# Complementary

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



459188



91454E

# 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.



B0766C



459188



A57798

# Square

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



459188



6D85B1



B07481



908558

# Rectangle

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



459188



448EA9



B07481



A97A60



# Sweetspot

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



459188



9FBDB9



4F9145



4C5E5C



DEDEDE



5E5E5E



# Same Dimension

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



459188



46BDAF



457591



404747



008777



000807



# Inverse Universe

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



91454E



BD4654



916145



474041



870010

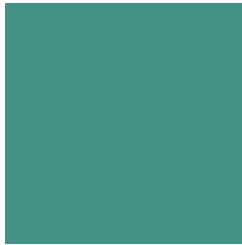


080001



# Previews

## White Background



This preview shows how the Hex color 459188 looks on a white background.

## Color Contrast Check

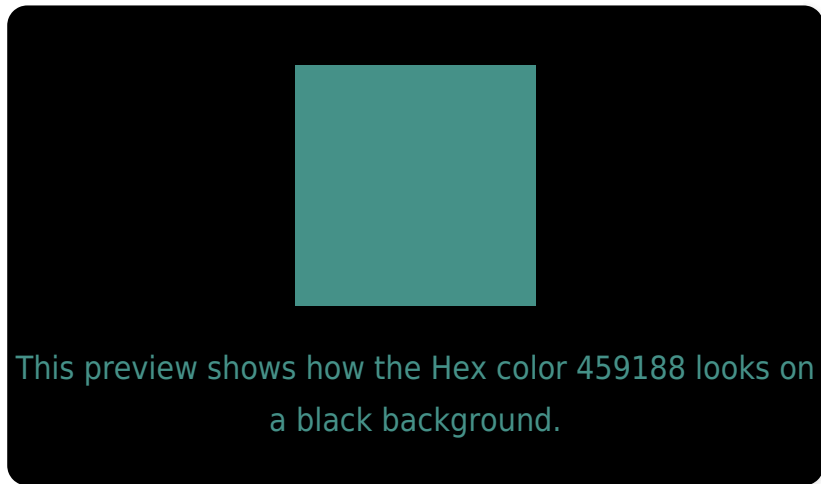
Large Text (above 18pt) WCAG AA ✓ Pass

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

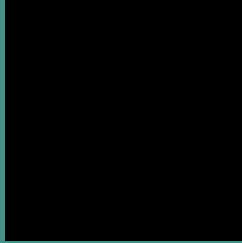
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 459188 Background



This preview shows how black text looks on a background with the Hex color 459188.

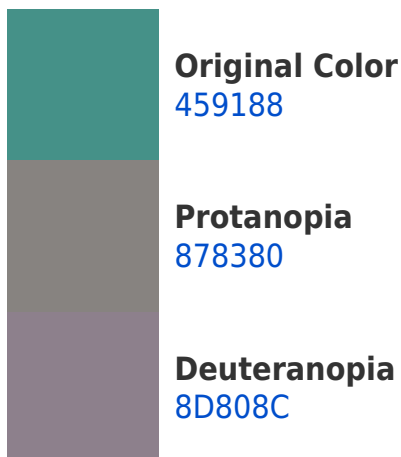


This preview shows how white text looks on a background with the Hex color 459188.

# 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



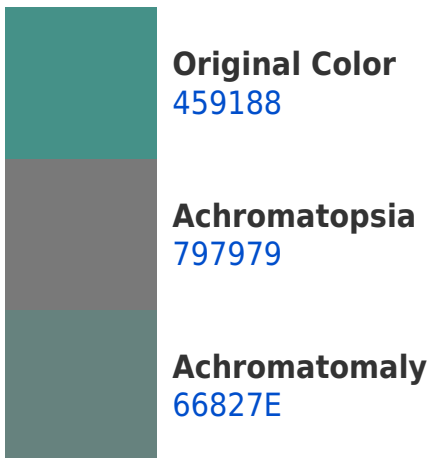


**Tritanopia**  
4B8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459188 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 #459188 looks like.

```
.text, #text, p{  
    color:#459188  
}
```

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 #459188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459188
}
```

## Border

The CSS property to change the border of an element to Hex 459188 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
#459188 }
```

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

```
.border{ border-color:#459188 }
```

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

Here you see how a box with a 4 pixel #459188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459188; -webkit-box-shadow:4px 4px  
4px 4px #459188; box-shadow:4px 4px 4px  
4px #459188 }
```

# Background

The CSS property to change the background color of an element to Hex 459188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459188 }
```

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

```
.background{ background-color:#459188 }
```

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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