

# Converting Colors

Hex(118199)

Have a look what the booklet for  
Hex(118199) contains.

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# Color

**Hex(118199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	118199
RGB	17, 129, 153
RGB Percent	7%, 51%, 60%
CMY	0.9333, 0.4941, 0.4000
CMYK	0.89, 0.16, 0.00, 0.40
HSL	191°, 80%, 33%
HSV	191°, 89%, 60%
XYZ	13.8312, 18.1196, 32.9054
YIQ	98.2480, -74.4560, -16.2800

# Conversions

## Conversions Part 2

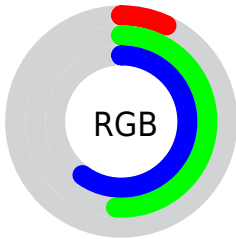
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 78, 153
Decimal	1147289
CIELab	49.64, -19.94, -21.04
CIELCh	50, 28.989, 226.536
Yxy	18.1196, 0.2133, 0.2794
Android (android.graphics.Color)	4279337369 (0xFF118199)
YUV	98.2480, 26.9927, -71.2545
Hunter-Lab	42.5671, -16.4930, -16.0357

# Details

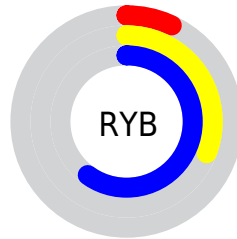
The Hex color **118199** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992911**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BB6CF**, and **004F66** is the 20% darker color. If you saturate the color by 10%, you get **027E99**, and if you desaturate by 10%, it is **208499**.

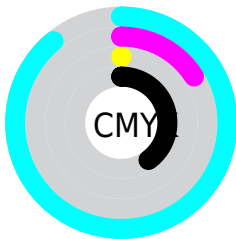
# Distribution



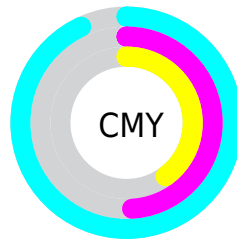
- Red (7%)
- Green (51%)
- Blue (60%)



- Red (7%)
- Yellow (31%)
- Blue (60%)



- Cyan (89%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)




- Cyan (93%)
- Magenta (49%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 118199 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 118199 by changing the saturation by 10% instead.



 118199

 118199

FFFFFF

 00687F

 5BB6CF

 004F66

 79D2EC

 00384E

 96EEFF

 002337

 B3FFFF


 000222

 D0FFFF

 000008

 EEEFFF

 000000

 118199

 118199

 027E99

 208499

■ 007E99

■ 308699

■ 3F8999

■ 4E8C99

■ 5D8E99

■ 6D9199

■ 7C9499

■ 8B9799

■ 9B9999

# Harmonies

## Analogous

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



188383



118199



3E7CA5

# Triad

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



118199



9F6482



797946

# Complementary

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



118199



992911

# 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.



907146



118199



A66369

# Square

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



118199



8A6B98



A06853



5D7F53

# Rectangle

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



118199



5B77A7



A06853



817645



# Sweetspot

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



118199



91BDC7



119928



445E63



E3E3E3



636363



# Same Dimension

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



118199



00A4C7



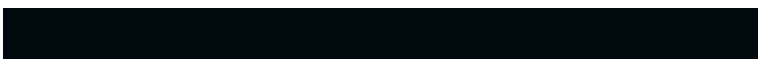
113E99



454B4D



00738C



000A0D



# Inverse Universe

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



991181



C700A4



996C11



4D454B



8C0073



0D000A



# Previews

## White Background



This preview shows how the Hex color 118199 looks on a white background.

## Color Contrast Check

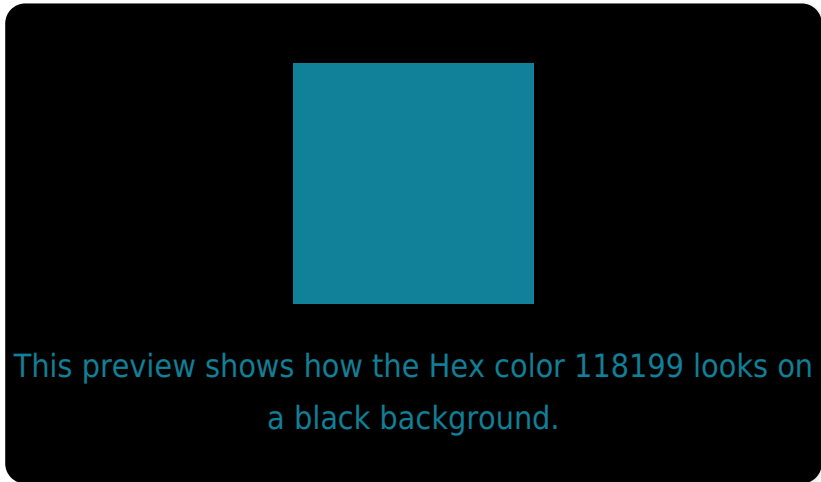
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

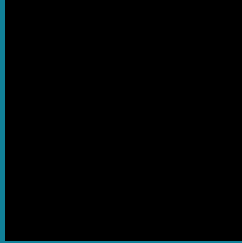
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 118199 Background



This preview shows how black text looks on a background with the Hex color 118199.

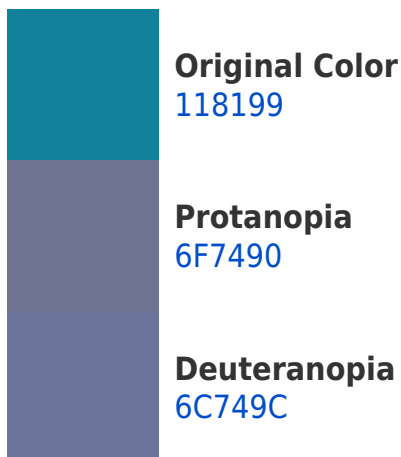


This preview shows how white text looks on a background with the Hex color 118199.

# 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](#).

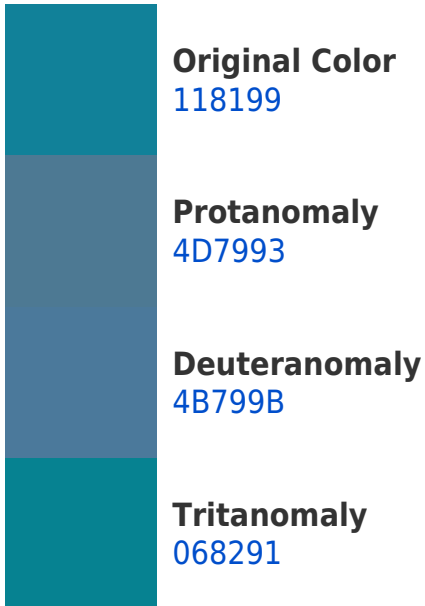
## Dichromacy



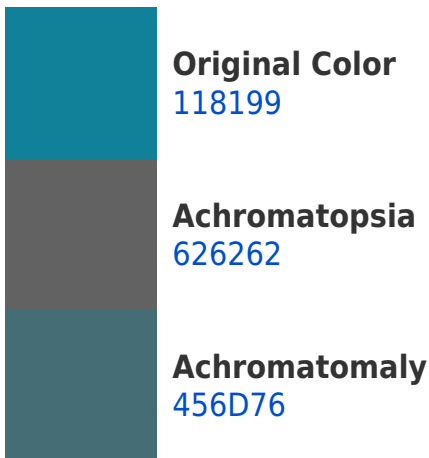


**Tritanopia**  
00838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 118199 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 #118199 looks like.

```
.text, #text, p{  
    color:#118199  
}
```

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 #118199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118199
}
```

## Border

The CSS property to change the border of an element to Hex 118199 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
#118199 }
```

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

```
.border{ border-color:#118199 }
```

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

Here you see how a box with a 4 pixel #118199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118199; -webkit-box-shadow:4px 4px  
4px 4px #118199; box-shadow:4px 4px 4px  
4px #118199 }
```

# Background

The CSS property to change the background color of an element to Hex 118199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118199 }
```

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

```
.background{ background-color:#118199 }
```

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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