

# Converting Colors

Hex(309099)

Have a look what the booklet for  
Hex(309099) contains.

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# Color

**Hex(309099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	309099
RGB	48, 144, 153
RGB Percent	19%, 56%, 60%
CMY	0.8118, 0.4353, 0.4000
CMYK	0.69, 0.06, 0.00, 0.40
HSL	185°, 52%, 39%
HSV	185°, 69%, 60%
XYZ	16.9420, 22.8748, 33.6593
YIQ	116.3220, -60.1050, -17.5530

# Conversions

## Conversions Part 2

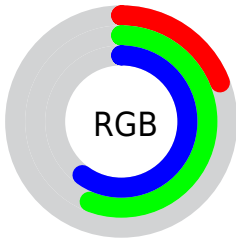
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 98, 153
Decimal	3182745
CIELab	54.94, -24.40, -12.92
CIELCh	55, 27.605, 207.897
Yxy	22.8748, 0.2306, 0.3113
Android (android.graphics.Color)	4281372825 (0xFF309099)
YUV	116.3220, 18.0823, -59.9184
Hunter-Lab	47.8276, -20.4683, -8.2468

# Details

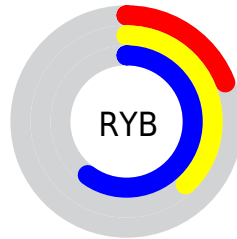
The Hex color **309099** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993930**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6DC6CF**, and **005D66** is the 20% darker color. If you saturate the color by 10%, you get **218F99**, and if you desaturate by 10%, it is **3F9199**.

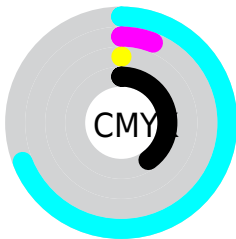
# Distribution



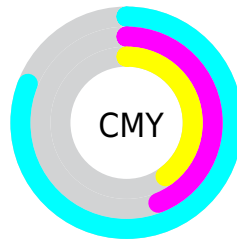
- Red (19%)
- Green (56%)
- Blue (60%)



- Red (19%)
- Yellow (38%)
- Blue (60%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 309099 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 309099 by changing the saturation by 10% instead.





309099



309099

FFFFFF



00767F



6DC6CF



005D66



89E2EC



00454E



A6FFFF



002E37



C3FFFF



001B22



E0FFFF



00000A

FEFFFF



000000



309099



309099



218F99



3F9199

■ 118D99

■ 4F9399

■ 028C99

■ 5E9499

■ 008C99

■ 6D9599

■ 7D9799

■ 8C9899

■ 9B9999

■ AA9A99

■ BA9C99

# Harmonies

## Analogous

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



449081



309099



3D8DAB

# Triad

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



309099



A0769D



958154

# Complementary

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



309099



993930

# 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.



A8795C



309099



B07286

# Square

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



309099



847EAE



B2736E



7D8959

# Rectangle

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



309099



5489B2



B2736E



9D7F55



# Sweetspot

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



309099



9DC3C7



309939



4B6163



E3E3E3



636363



# Same Dimension

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



309099



24B9C7



305C99



454C4D



00808C



000C0D



# Inverse Universe

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



993090



C724B9



996D30



4D454C



8C0080



0D000C



# Previews

## White Background



This preview shows how the Hex color 309099 looks on a white background.

## Color Contrast Check

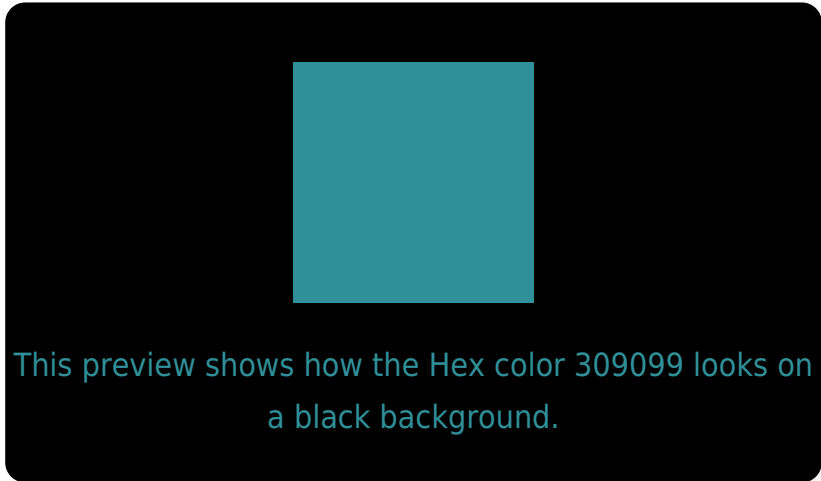
Large Text (above 18pt) WCAG AA ✓ Pass

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

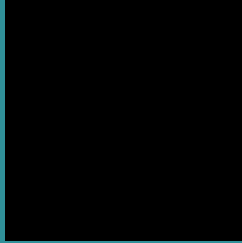
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 309099 Background



This preview shows how black text looks on a background with the Hex color 309099.

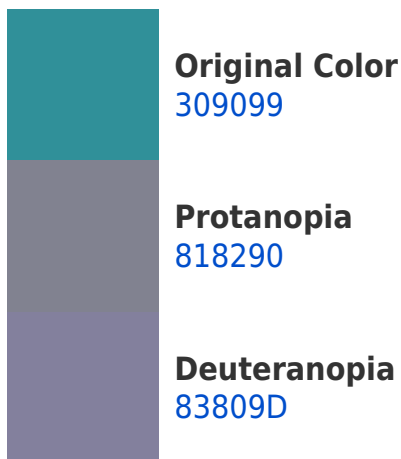


This preview shows how white text looks on a background with the Hex color 309099.

# 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](#).

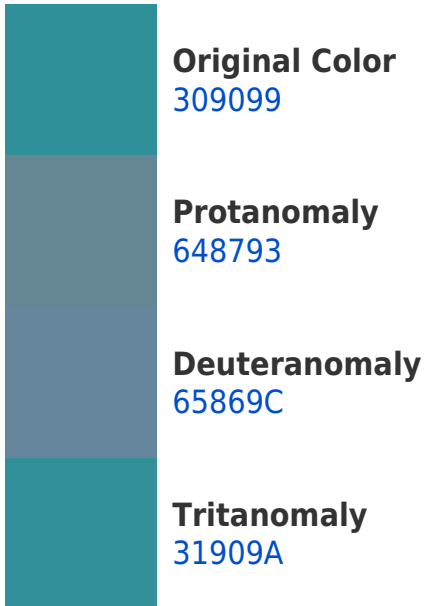
## Dichromacy



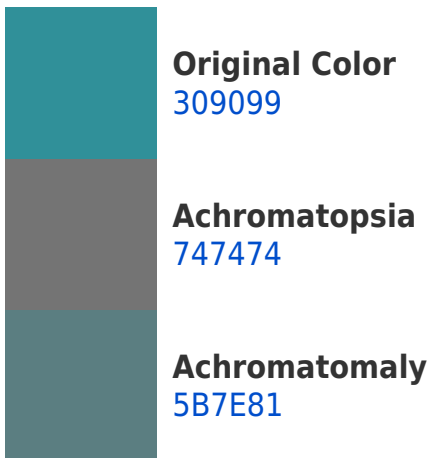


**Tritanopia**  
31909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 309099 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 #309099 looks like.

```
.text, #text, p{  
    color:#309099  
}
```

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 #309099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309099
}
```

## Border

The CSS property to change the border of an element to Hex 309099 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
#309099 }
```

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

```
.border{ border-color:#309099 }
```

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

Here you see how a box with a 4 pixel #309099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309099; -webkit-box-shadow:4px 4px  
4px 4px #309099; box-shadow:4px 4px 4px  
4px #309099 }
```

# Background

The CSS property to change the background color of an element to Hex 309099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309099 }
```

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

```
.background{ background-color:#309099 }
```

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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