

# Converting Colors

Hex(309F78)

Have a look what the booklet for  
Hex(309F78) contains.

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# Color

**Hex(309F78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	309F78
RGB	48, 159, 120
RGB Percent	19%, 62%, 47%
CMY	0.8118, 0.3765, 0.5294
CMYK	0.70, 0.00, 0.25, 0.38
HSL	159°, 54%, 41%
HSV	159°, 70%, 62%
XYZ	17.0072, 26.7807, 22.0421
YIQ	121.3650, -53.6370, -35.6610

# Conversions

## Conversions Part 2

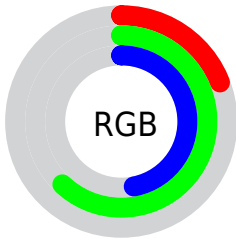
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 115, 159
Decimal	3186552
CIELab	58.77, -40.54, 11.48
CIElCh	59, 42.130, 164.186
Yxy	26.7807, 0.2584, 0.4068
Android (android.graphics.Color)	4281376632 (0xFF309F78)
YUV	121.3650, -0.6729, -64.3411
Hunter-Lab	51.7501, -31.9002, 10.9714

# Details

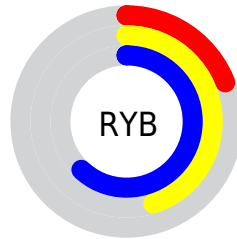
The Hex color **309F78** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F3057**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6CD6AC**, and **006B47** is the 20% darker color. If you saturate the color by 10%, you get **209F72**, and if you desaturate by 10%, it is **409F7E**.

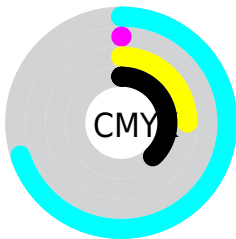
# Distribution



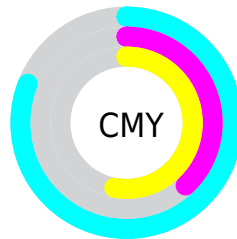
- Red (19%)
- Green (62%)
- Blue (47%)



- Red (19%)
- Yellow (45%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 309F78 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 309F78 by changing the saturation by 10% instead.





309F78



309F78

FFFFFF



00845F



6CD6AC



006B47



89F3C8



005231



A6FFE4



00391C



C3FFFF



002502



E0FFFF



000000

FEFFFF



309F78



309F78



209F72



409F7E

■ 109F6D

■ 509F83

■ 009F67

■ 609F89

■ 709F8E

■ 809F94

■ 8F9F9A

■ 9F9F9F

■ AF9FA5

■ BF9FAA

# Harmonies

## Analogous

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



699A57



309F78



00A09E

# Triad

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



309F78



708BD5



CC775C

# Complementary

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



309F78



9F3057

# 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.



D46F7D



309F78



A77DC3

# Square

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



309F78



0097D4



C871A2



B48446

# Rectangle

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



309F78



009FB6



C871A2



D07466



# Sweetspot

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



309F78



A3CFBF



599F30



4E695F



E8E8E8



696969



# Same Dimension

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



309F78



21CF92



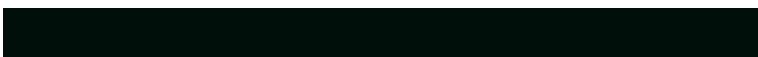
30909F



474F4C



008F5D



000F0A



# Inverse Universe

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



9F3057



CF215E



9F3F30



4F474A



8F0032



0F0005



# Previews

## White Background



This preview shows how the Hex color 309F78 looks on a white background.

## Color Contrast Check

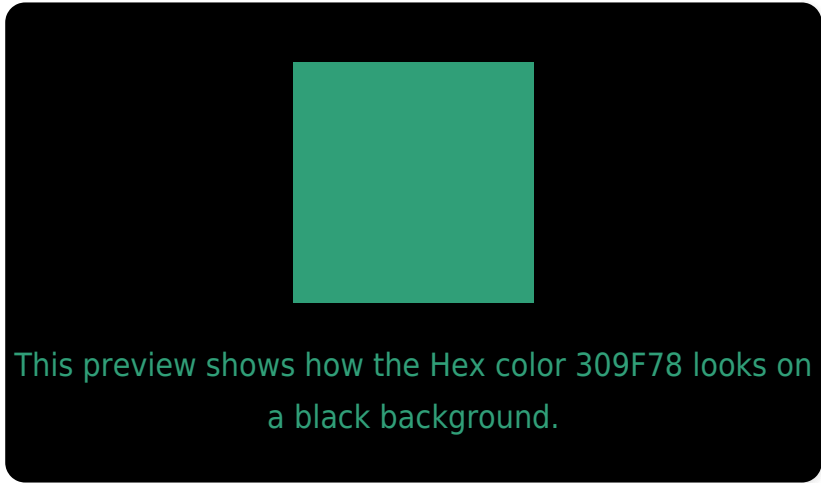
Large Text (above 18pt) WCAG AA ✓ Pass

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

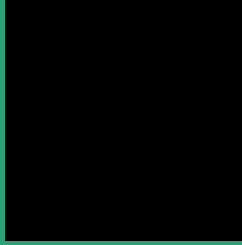
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 309F78 Background



This preview shows how black text looks on a background with the Hex color 309F78.



This preview shows how white text looks on a background with the Hex color 309F78.

# 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](#).

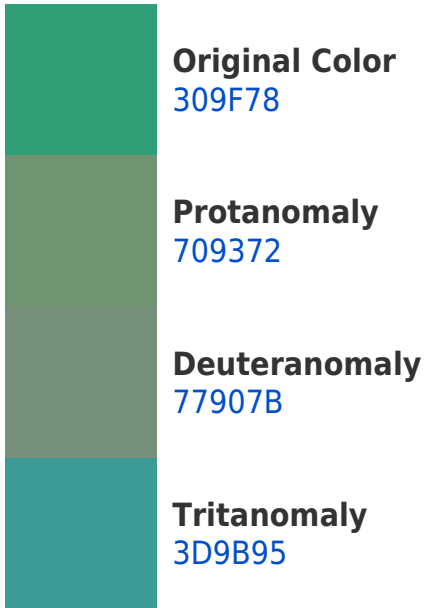
## Dichromacy





**Tritanopia**  
4499A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 309F78 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 #309F78 looks like.

```
.text, #text, p{  
    color:#309F78  
}
```

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 #309F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309F78  
}
```

## Border

The CSS property to change the border of an element to Hex 309F78 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  
#309F78 }
```

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

```
.border{ border-color:#309F78 }
```

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

Here you see how a box with a 4 pixel #309F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309F78; -webkit-box-shadow:4px 4px  
4px 4px #309F78; box-shadow:4px 4px 4px  
4px #309F78 }
```

# Background

The CSS property to change the background color of an element to Hex 309F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309F78 }
```

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

```
.background{ background-color:#309F78 }
```

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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