

Converting Colors

Hex(308E9C)

Have a look what the booklet for
Hex(308E9C) contains.

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Color

Hex(308E9C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 308E9C |
| RGB | 48, 142, 156 |
| RGB Percent | 19%, 56%, 61% |
| CMY | 0.8118, 0.4431, 0.3882 |
| CMYK | 0.69, 0.09, 0.00, 0.39 |
| HSL | 188°, 53%, 40% |
| HSV | 188°, 69%, 61% |
| XYZ | 16.8927, 22.3747, 34.8809 |
| YIQ | 115.4900, -60.5180, -15.5740 |

Conversions

Conversions Part 2

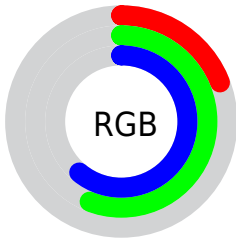
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 48, 98, 156 |
| Decimal | 3182236 |
| CIE _{Lab} | 54.42, -22.43, -15.43 |
| CIE _{LCh} | 54, 27.221, 214.531 |
| Yxy | 22.3747, 0.2278, 0.3018 |
| Android (android.graphics.Color) | 4281372316 (0xFF308E9C) |
| YUV | 115.4900, 19.9714, -59.1887 |
| Hunter-Lab | 47.3019, -19.0315, -10.6097 |

Details

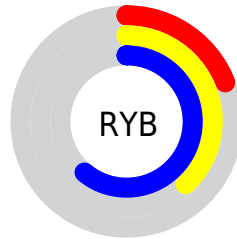
The Hex color **308E9C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3E30**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC4D2**, and **005B69** is the 20% darker color. If you saturate the color by 10%, you get **208C9C**, and if you desaturate by 10%, it is **40909C**.

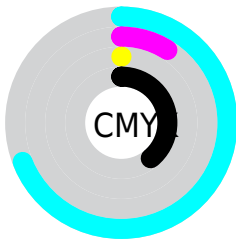
Distribution



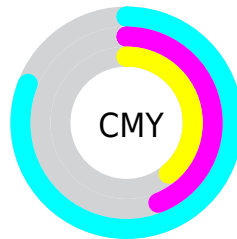
- Red (19%)
- Green (56%)
- Blue (61%)



- Red (19%)
- Yellow (38%)
- Blue (61%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308E9C 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 308E9C by changing the saturation by 10% instead.



308E9C



308E9C

FFFFFF



007482



6DC4D2



005B69



89E0EF



004451



A6FDFF



002D3A



C3FFFF



001924



E0FFFF



00010E

FEFFFF



000000



308E9C



308E9C



208C9C



40909C

■ 118A9C

■ 4F929C

■ 01889C

■ 5F949C

■ 00889C

■ 6E969C

■ 7E989C

■ 8E9A9C

■ 9D9C9C

■ AD9E9C

■ BCA09C

Harmonies

Analogous

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



3E8F85



308E9C



448AAC

Triad

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



308E9C



A37397



8F8253

Complementary

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



308E9C



9C3E30

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.



A37A58



308E9C



B0707F

Square

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



308E9C



8A7BA9



AF7369



76895B

Rectangle

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



308E9C



5B86B1



AF7369



967F53

Sweetspot

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



308E9C



A1C6CC



309C3D



4D6366



E6E6E6



666666

Same Dimension

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



308E9C



23B6CC



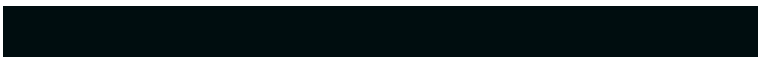
30599C



474E4F



007C8F



000D0F

Inverse Universe

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



9C308E



CC23B6



9C7330



4F474E



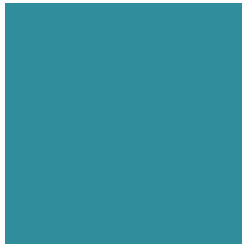
8F007C



0F000D

Previews

White Background



This preview shows how the Hex color 308E9C looks on a white background.

Color Contrast Check

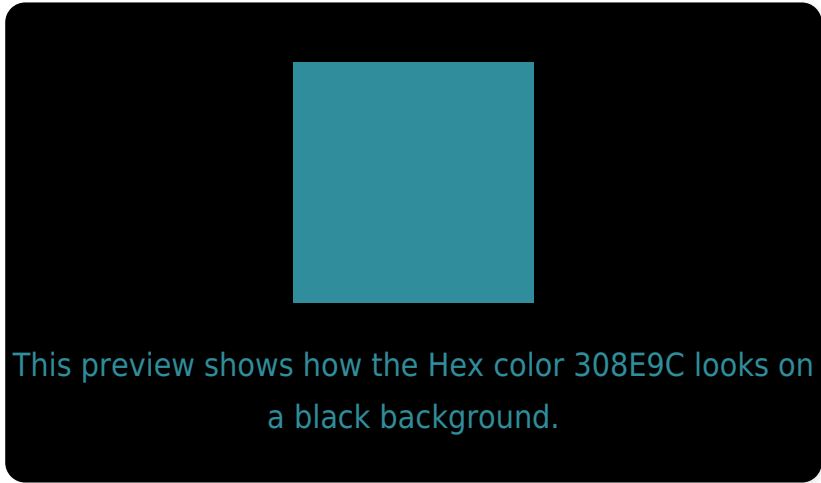
Large Text (above 18pt) WCAG AA ✓ Pass

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

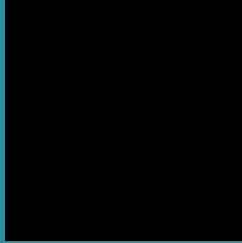
Any Text WCAG AA ✓ Pass

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 308E9C Background



This preview shows how black text looks on a background with the Hex color 308E9C.

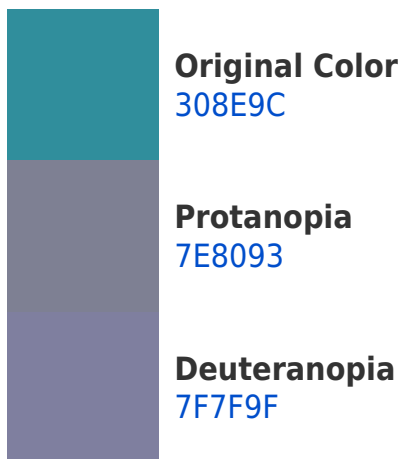


This preview shows how white text looks on a background with the Hex color 308E9C.

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
2F8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308E9C 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 #308E9C looks like.

```
.text, #text, p{  
    color:#308E9C  
}
```

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 #308E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308E9C
}
```

Border

The CSS property to change the border of an element to Hex 308E9C 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
#308E9C }
```

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

```
.border{ border-color:#308E9C }
```

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

Here you see how a box with a 4 pixel #308E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308E9C; -webkit-box-shadow:4px 4px  
4px 4px #308E9C; box-shadow:4px 4px 4px  
4px #308E9C }
```

Background

The CSS property to change the background color of an element to Hex 308E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308E9C }
```

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

```
.background{ background-color:#308E9C }
```

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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