

# Converting Colors

Hex(279A9C)

Have a look what the booklet for  
Hex(279A9C) contains.

<b>Hex(279A9C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(279A9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	279A9C
RGB	39, 154, 156
RGB Percent	15%, 60%, 61%
CMY	0.8471, 0.3961, 0.3882
CMYK	0.75, 0.01, 0.00, 0.39
HSL	181°, 60%, 38%
HSV	181°, 75%, 61%
XYZ	18.3931, 25.9428, 35.4905
YIQ	119.8430, -69.1820, -23.7580

# Conversions

## Conversions Part 2

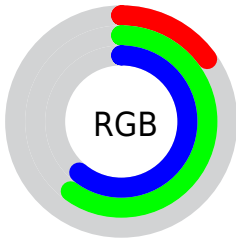
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 97, 156
Decimal	2595484
CIE <sub>Lab</sub>	57.98, -29.68, -10.08
CIE <sub>LCh</sub>	58, 31.351, 198.764
Yxy	25.9428, 0.2304, 0.3250
Android (android.graphics.Color)	4280785564 (0xFF279A9C)
YUV	119.8430, 17.8254, -70.8993
Hunter-Lab	50.9341, -24.6757, -5.6590

# Details

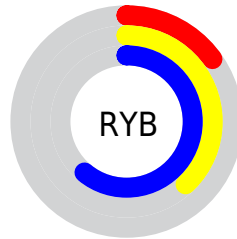
The Hex color **279A9C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C2927**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **69D1D2**, and **006669** is the 20% darker color. If you saturate the color by 10%, you get **179A9C**, and if you desaturate by 10%, it is **379A9C**.

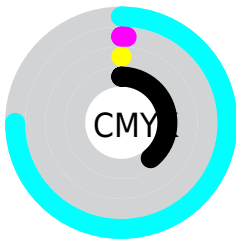
# Distribution



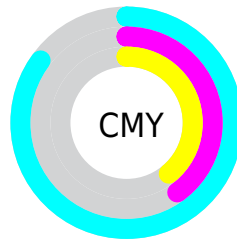
- Red (15%)
- Green (60%)
- Blue (61%)



- Red (15%)
- Yellow (38%)
- Blue (61%)



- Cyan (75%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 279A9C 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 279A9C by changing the saturation by 10% instead.



 279A9C

 279A9C

FFFFFF

 008082

 69D1D2

 006669

 86EDEF

 004E51

 A3FFFF

 00363A

 C0FFFF

 002224

 DEFFFF

 00010F

 FCFFFF

 000000

 279A9C

 279A9C

 179A9C

 379A9C

08999C

469B9C

00999C

569B9C

659B9C

759B9C

859C9C

949C9C

A49C9C

B39C9C

# Harmonies

## Analogous

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



4A9980



279A9C



2797B4

# Triad

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



279A9C



A47EB0



A78656

# Complementary

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



279A9C



9C2927

# 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.



BA7D63



279A9C



BA7797

# Square

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



279A9C



8088BF



C1777B



8C8F57

# Rectangle

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



279A9C



4394BE



C1777B



AE8359



# Sweetspot

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



279A9C



9DCBCC



279C29



496666



E6E6E6



666666



# Same Dimension

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



279A9C



14C9CC



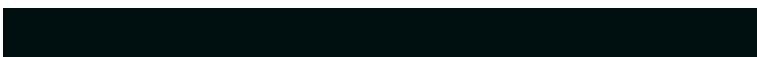
27609C



474F4F



008C8F



000F0F



# Inverse Universe

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



9C279A



CC14C9



9C6327



4F474F



8F008C

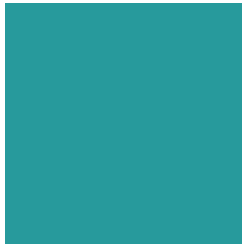


0F000F



# Previews

## White Background



This preview shows how the Hex color 279A9C looks on a white background.

## Color Contrast Check

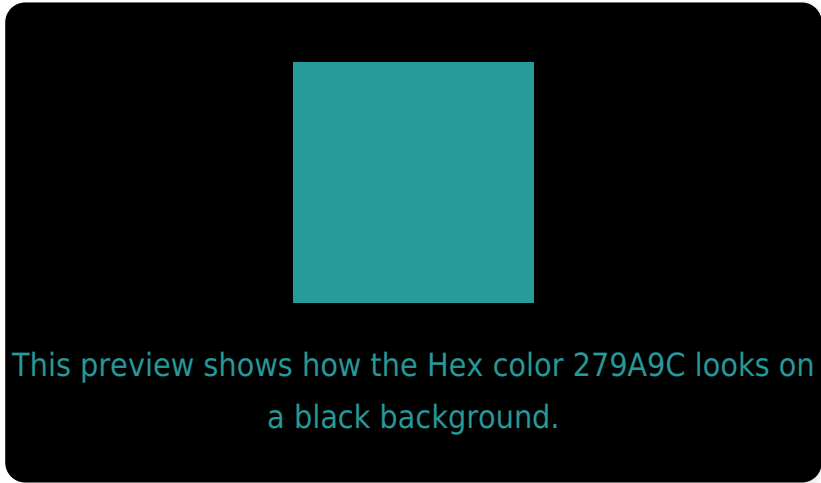
Large Text (above 18pt) WCAG AA ✓ Pass

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

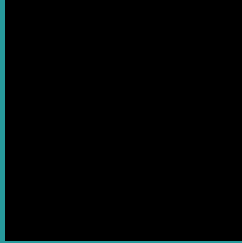
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 279A9C Background



This preview shows how black text looks on a background with the Hex color 279A9C.

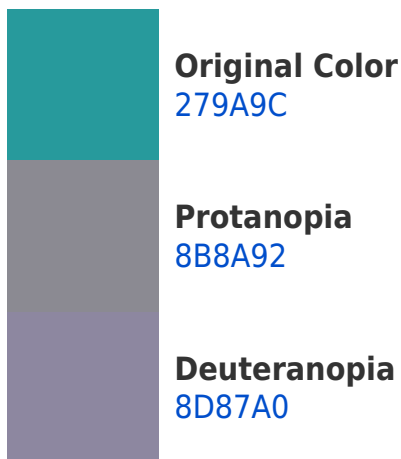


This preview shows how white text looks on a background with the Hex color 279A9C.

# 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



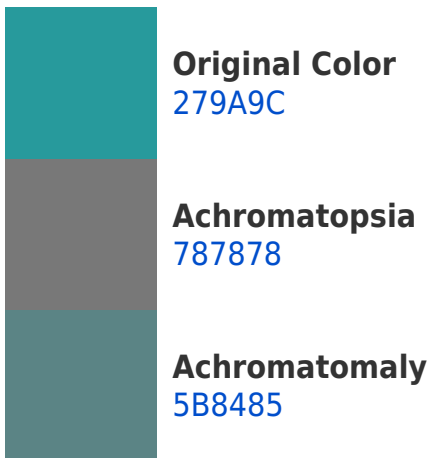


**Tritanopia**  
2E99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 279A9C 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 #279A9C looks like.

```
.text, #text, p{  
    color:#279A9C  
}
```

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 #279A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279A9C
}
```

## Border

The CSS property to change the border of an element to Hex 279A9C 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
#279A9C }
```

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

```
.border{ border-color:#279A9C }
```

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

Here you see how a box with a 4 pixel #279A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279A9C; -webkit-box-shadow:4px 4px  
4px 4px #279A9C; box-shadow:4px 4px 4px  
4px #279A9C }
```

# Background

The CSS property to change the background color of an element to Hex 279A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279A9C }
```

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

```
.background{ background-color:#279A9C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor