

# Converting Colors

Hex(2D9C9F)

Have a look what the booklet for  
Hex(2D9C9F) contains.

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# Color

Hex(2D9C9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9C9F
RGB	45, 156, 159
RGB Percent	18%, 61%, 62%
CMY	0.8235, 0.3882, 0.3765
CMYK	0.72, 0.02, 0.00, 0.38
HSL	182°, 56%, 40%
HSV	182°, 72%, 62%
XYZ	19.2287, 26.8380, 36.9677
YIQ	123.1530, -67.1190, -22.5990

# Conversions

## Conversions Part 2

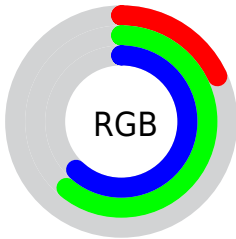
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 101, 159
Decimal	2989215
CIE <sub>Lab</sub>	58.82, -29.00, -10.52
CIE <sub>LCh</sub>	59, 30.845, 199.937
Yxy	26.8380, 0.2316, 0.3232
Android (android.graphics.Color)	4281179295 (0xFF2D9C9F)
YUV	123.1530, 17.6726, -68.5402
Hunter-Lab	51.8054, -24.4055, -6.0448




# Details

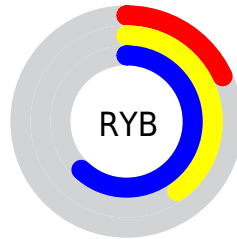
The Hex color **2D9C9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F302D**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **6DD3D6**, and **00686C** is the 20% darker color. If you saturate the color by 10%, you get **1D9C9F**, and if you desaturate by 10%, it is **3D9C9F**.

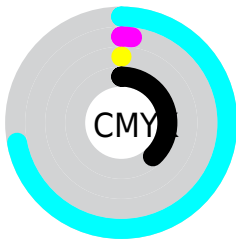
# Distribution







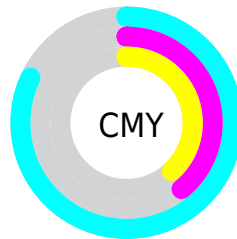
-  Red (18%)
-  Green (61%)
-  Blue (62%)






-  Red (18%)
-  Yellow (40%)
-  Blue (62%)



-  Cyan (72%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (82%)
-  Magenta (39%)
-  Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D9C9F 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 2D9C9F by changing the saturation by 10% instead.



■ 2D9C9F

■ 2D9C9F

FFFFFF

■ 008285

■ 6DD3D6

■ 00686C

■ 8AEFF2

■ 005053

■ A7FFFF

■ 00383C

■ C4FFFF

■ 002327

■ E2FFFF

■ 000112

■ 000000

■ 2D9C9F

■ 2D9C9F

■ 1D9C9F

■ 3D9C9F

0D9B9F

4D9D9F

009B9F

5D9D9F

6D9E9F

7D9E9F

8C9F9F

9C9F9F

AC9F9F

BCA09F

# Harmonies

## Analogous

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



4D9C83



2D9C9F



3099B6

# Triad

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



2D9C9F



A780B1



A88958

# Complementary

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



2D9C9F



9F302D

# 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.



BB8065



2D9C9F



BC7A98

# Square

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



2D9C9F



848AC0



C3797C



8D925A

# Rectangle

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



2D9C9F



4A95C0



C3797C



AF865B



# Sweetspot

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



2D9C9F



A1CDCF



2D9F2F



4D6869



E8E8E8



696969



# Same Dimension

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



2D9C9F



1DCACF



2D649F



474F4F



008B8F



000F0F



# Inverse Universe

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



9F2D9C



CF1DCA



9F682D



4F474F



8F008B



0F000F



# Previews

## White Background



This preview shows how the Hex color 2D9C9F looks on a white background.

## Color Contrast Check

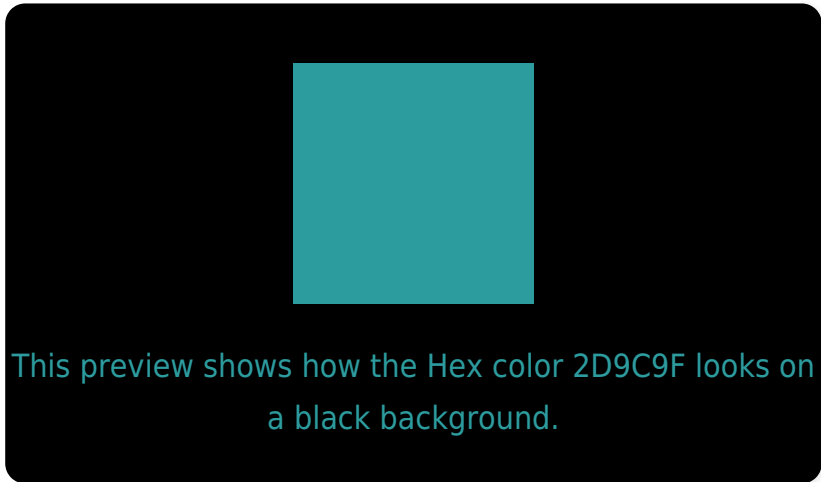
Large Text (above 18pt) WCAG AA ✓ Pass

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

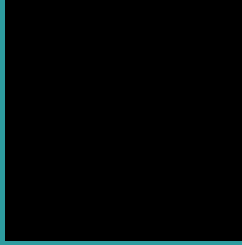
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2D9C9F Background



This preview shows how black text looks on a background with the Hex color 2D9C9F.

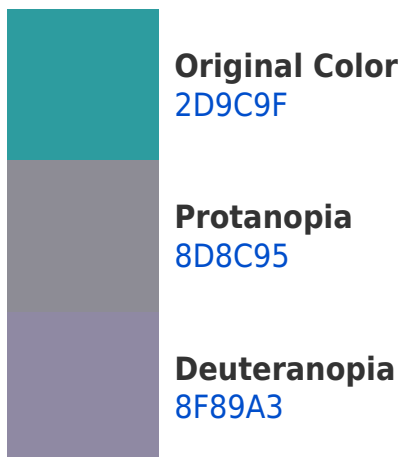


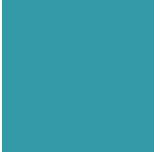
This preview shows how white text looks on a background with the Hex color 2D9C9F.

# 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**  
329BA7

# Trichromacy



**Original Color**  
2D9C9F



**Protanomaly**  
6A9299



**Deuteranomaly**  
6B90A2



**Tritanomaly**  
309BA4

# Monochromacy



**Original Color**  
2D9C9F



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
5F8788

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D9C9F 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 #2D9C9F looks like.

```
.text, #text, p{  
    color:#2D9C9F  
}
```

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 #2D9C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9C9F
}
```

## Border

The CSS property to change the border of an element to Hex 2D9C9F 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
#2D9C9F }
```

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

```
.border{ border-color:#2D9C9F }
```

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

Here you see how a box with a 4 pixel #2D9C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9C9F; -webkit-box-shadow:4px 4px  
4px 4px #2D9C9F; box-shadow:4px 4px 4px  
4px #2D9C9F }
```

# Background

The CSS property to change the background color of an element to Hex 2D9C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9C9F }
```

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

```
.background{ background-color:#2D9C9F }
```

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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