

Converting Colors

Hex(2D9E9F)

Have a look what the booklet for
Hex(2D9E9F) contains.

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Color

Hex(2D9E9F)

Conversions

Conversions Part 1

Format	Color
Hex	2D9E9F
RGB	45, 158, 159
RGB Percent	18%, 62%, 62%
CMY	0.8235, 0.3804, 0.3765
CMYK	0.72, 0.01, 0.00, 0.38
HSL	181°, 56%, 40%
HSV	181°, 72%, 62%
XYZ	19.5671, 27.5148, 37.0805
YIQ	124.3270, -67.6690, -23.6450

Conversions

Conversions Part 2

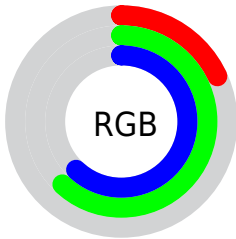
Format	Color
RYB	45, 102, 159
Decimal	2989727
CIELab	59.45, -29.97, -9.58
CIElCh	59, 31.468, 197.732
Yxy	27.5148, 0.2325, 0.3269
Android (android.graphics.Color)	4281179807 (0xFF2D9E9F)
YUV	124.3270, 17.0938, -69.5698
Hunter-Lab	52.4546, -25.2099, -5.1943

Details

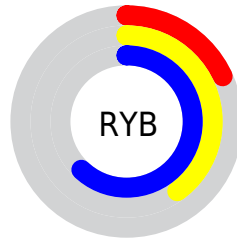
The Hex color **2D9E9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F2E2D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DD5D6**, and **006A6C** is the 20% darker color. If you saturate the color by 10%, you get **1D9E9F**, and if you desaturate by 10%, it is **3D9E9F**.

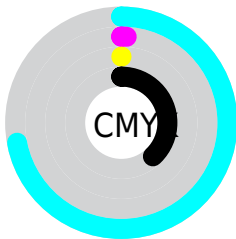
Distribution



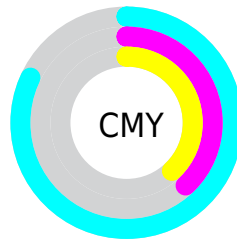
- Red (18%)
- Green (62%)
- Blue (62%)



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



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9E9F 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 2D9E9F by changing the saturation by 10% instead.

 2D9E9F

 2D9E9F

FFFFFF

 008485

 6DD5D6

 006A6C

 8AF2F2

 005153

 A7FFFF

 003A3C

 C5FFFF

 002527

 E2FFFF

 000113

 000000

 2D9E9F

 2D9E9F

 1D9E9F

 3D9E9F

0D9E9F

4D9E9F

009E9F

5D9E9F

6D9F9F

7D9F9F

8C9F9F

9C9F9F

AC9F9F

BC9F9F

Harmonies

Analogous

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



4F9D82



2D9E9F



2C9BB7

Triad

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



2D9E9F



A782B5



AC8A59

Complementary

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



2D9E9F



9F2E2D

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.



BF8067



2D9E9F



BE7B9C

Square

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



2D9E9F



828CC4



C67A80



91935A

Rectangle

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



2D9E9F



4698C2



C67A80



B3865C

Sweetspot

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



2D9E9F



A1CECF



2D9F2D



4D6869



E8E8E8



696969

Same Dimension

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



2D9E9F



1DCDCF



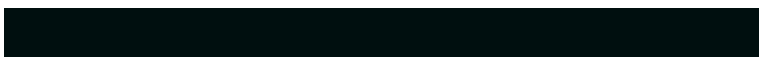
2D669F



474F4F



008E8F



000F0F

Inverse Universe

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



9F2D9E



CF1DCD



9F662D



4F474F



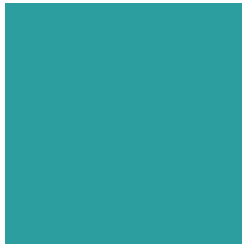
8F008E



0F000F

Previews

White Background



This preview shows how the Hex color 2D9E9F looks on a white background.

Color Contrast Check

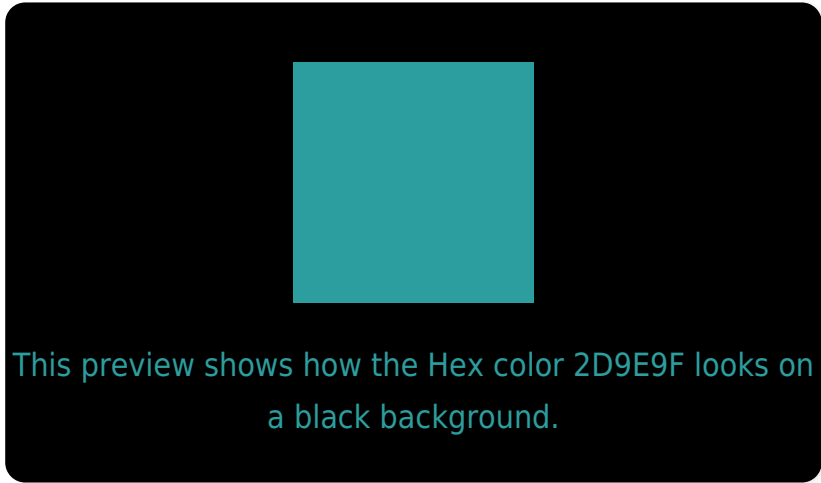
Large Text (above 18pt) WCAG AA ✓ Pass

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

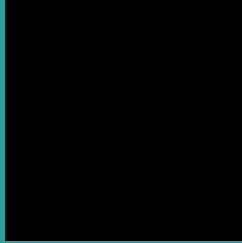
Any Text WCAG AA ✓ Pass

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 2D9E9F Background



This preview shows how black text looks on a background with the Hex color 2D9E9F.

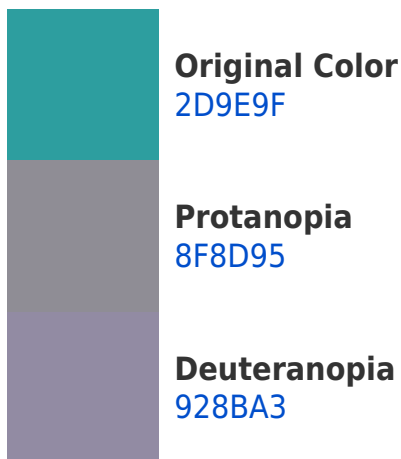


This preview shows how white text looks on a background with the Hex color 2D9E9F.

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
339CA9

Trichromacy



Original Color
2D9E9F



Protanomaly
6B9399



Deuteranomaly
6D92A2



Tritanomaly
319DA5

Monochromacy



Original Color
2D9E9F



Achromatopsia
7C7C7C



Achromatomaly
5F8889

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9E9F 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 #2D9E9F looks like.

```
.text, #text, p{  
    color:#2D9E9F  
}
```

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 #2D9E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9E9F
}
```

Border

The CSS property to change the border of an element to Hex 2D9E9F 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
#2D9E9F }
```

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

```
.border{ border-color:#2D9E9F }
```

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

Here you see how a box with a 4 pixel #2D9E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9E9F; -webkit-box-shadow:4px 4px  
4px 4px #2D9E9F; box-shadow:4px 4px 4px  
4px #2D9E9F }
```

Background

The CSS property to change the background color of an element to Hex 2D9E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9E9F }
```

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

```
.background{ background-color:#2D9E9F }
```

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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