

# Converting Colors

Hex(2F909B)

Have a look what the booklet for  
Hex(2F909B) contains.

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**Color**

**Hex(2F909B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F909B
RGB	47, 144, 155
RGB Percent	18%, 56%, 61%
CMY	0.8157, 0.4353, 0.3922
CMYK	0.70, 0.07, 0.00, 0.39
HSL	186°, 53%, 40%
HSV	186°, 70%, 61%
XYZ	17.0619, 22.9174, 34.5346
YIQ	116.2510, -61.3430, -17.1430

# Conversions

## Conversions Part 2

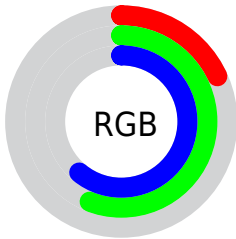
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 98, 155
Decimal	3117211
CIELab	54.99, -23.92, -14.00
CIElCh	55, 27.721, 210.339
Yxy	22.9174, 0.2290, 0.3076
Android (android.graphics.Color)	4281307291 (0xFF2F909B)
YUV	116.2510, 19.1033, -60.7331
Hunter-Lab	47.8721, -20.1577, -9.2609

# Details

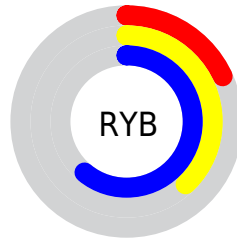
The Hex color **2F909B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B3A2F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6CC6D1**, and **005D68** is the 20% darker color. If you saturate the color by 10%, you get **208E9B**, and if you desaturate by 10%, it is **3F929B**.

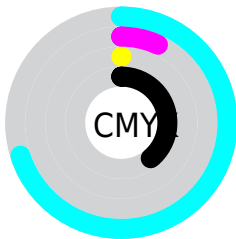
# Distribution



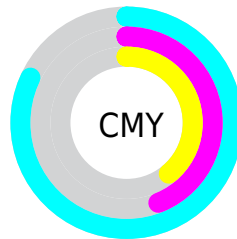
- Red (18%)
- Green (56%)
- Blue (61%)



- Red (18%)
- Yellow (38%)
- Blue (61%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F909B 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 2F909B by changing the saturation by 10% instead.



 2F909B

 2F909B

FFFFFF

 007681

 6CC6D1

 005D68

 89E2EE

 004550

 A6FFFF

 002E39

 C3FFFF

 001B23

 E0FFFF

 00010D

FEFFFF

 000000

 2F909B

 2F909B

 208E9B

 3F929B

■ 108D9B

■ 4E939B

■ 018B9B

■ 5E959B

■ 008B9B

■ 6D969B

■ 7C989B

■ 8C999B

■ 9B9B9B

■ AB9D9B

■ BB9E9B

# Harmonies

## Analogous

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



429183



2F909B



3F8CAD

# Triad

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



2F909B



A2759C



948253

# Complementary

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



2F909B



9B3A2F

# 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.



A77A5B



2F909B



B17184

# Square

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



2F909B



877DAD



B2736D



7A895A

# Rectangle

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



2F909B



5688B2



B2736D



9B7F54



# Sweetspot

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



2F909B



9FC5C9



2F9B3A



4D6366



E6E6E6



666666



# Same Dimension

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



2F909B



20B8C9



2F5A9B



454C4D



007E8C



000B0D



# Inverse Universe

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



9B2F90



C920B8



9B702F



4D454C



8C007E

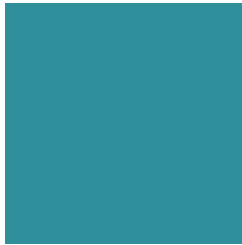


0D000B



# Previews

## White Background



This preview shows how the Hex color 2F909B looks on a white background.

## Color Contrast Check

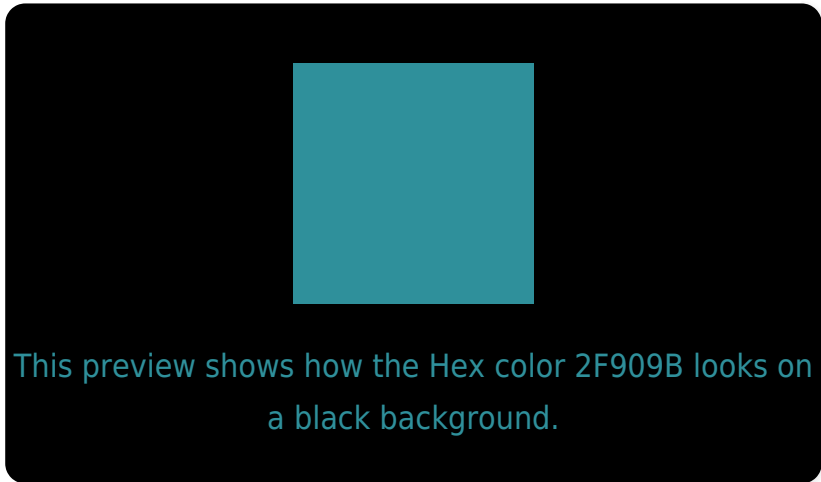
Large Text (above 18pt) WCAG AA ✓ Pass

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

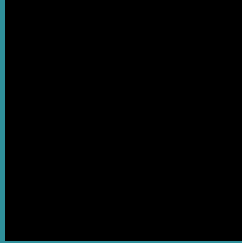
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F909B Background



This preview shows how black text looks on a background with the Hex color 2F909B.

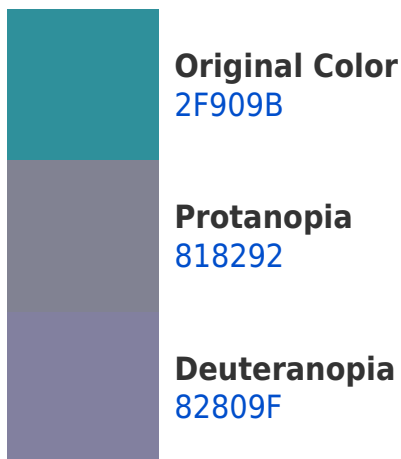


This preview shows how white text looks on a background with the Hex color 2F909B.

# 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



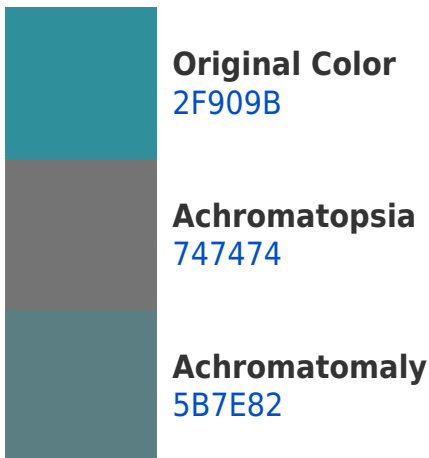


**Tritanopia**  
2F909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F909B 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 #2F909B looks like.

```
.text, #text, p{  
    color:#2F909B  
}
```

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 #2F909B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F909B
}
```

## Border

The CSS property to change the border of an element to Hex 2F909B 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
#2F909B }
```

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

```
.border{ border-color:#2F909B }
```

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

Here you see how a box with a 4 pixel #2F909B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F909B; -webkit-box-shadow:4px 4px  
4px 4px #2F909B; box-shadow:4px 4px 4px  
4px #2F909B }
```

# Background

The CSS property to change the background color of an element to Hex 2F909B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F909B }
```

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

```
.background{ background-color:#2F909B }
```

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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