

# Converting Colors

Hex(2F819C)

Have a look what the booklet for  
Hex(2F819C) contains.

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# Color

Hex(2F819C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F819C
RGB	47, 129, 156
RGB Percent	18%, 51%, 61%
CMY	0.8157, 0.4941, 0.3882
CMYK	0.70, 0.17, 0.00, 0.39
HSL	195°, 54%, 40%
HSV	195°, 70%, 61%
XYZ	15.0233, 18.7052, 34.2711
YIQ	107.5600, -57.5390, -8.9870

# Conversions

## Conversions Part 2

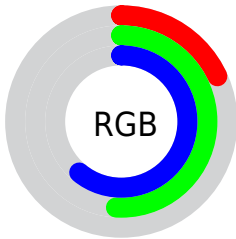
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	47, 94, 156
Decimal	3113372
CIE Lab	50.34, -15.61, -21.67
CIE LCh	50, 26.703, 234.230
Yxy	18.7052, 0.2209, 0.2751
Android (android.graphics.Color)	4281303452 (0xFF2F819C)
YUV	107.5600, 23.8809, -53.1111
Hunter-Lab	43.2495, -13.6821, -16.7071




# Details

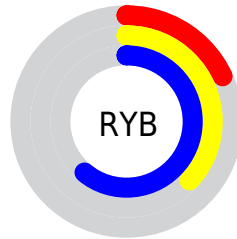
The Hex color **2F819C** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9C4A2F**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **6BB6D3**, and **005069** is the 20% darker color. If you saturate the color by 10%, you get **1F7D9C**, and if you desaturate by 10%, it is **3F859C**.

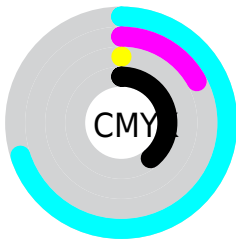
# Distribution







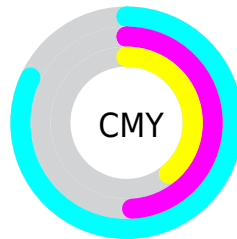
-  Red (18%)
-  Green (51%)
-  Blue (61%)






-  Red (18%)
-  Yellow (37%)
-  Blue (61%)



-  Cyan (70%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (82%)
-  Magenta (49%)
-  Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F819C 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 2F819C by changing the saturation by 10% instead.



■ 2F819C

■ 2F819C

FFFFFF

■ 006882

■ 6BB6D3

■ 005069

■ 87D2EF

■ 003950

■ A4EEFF

■ 002339

■ C1FFFF

■ 000524

■ DEFFFF

■ 00000C

■ FBFFFF

■ 000000

■ 2F819C

■ 2F819C

■ 1F7D9C

■ 3F859C

10799C

4E899C

00759C

5E8D9C

6D909C

7D949C

8D989C

9C9C9C

ACA09C

BBA49C

# Harmonies

## Analogous

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



27848A



2F819C



517BA5

# Triad

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



2F819C



A1677D



747C4E

# Complementary

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



2F819C



9C4A2F

# 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.



8B754B



2F819C



A46766

# Square

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



2F819C



906C93



9C6D54



5A815D

# Rectangle

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



2F819C



6976A4



9C6D54



7C7A4B



# Sweetspot

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



2F819C



A1C1CC



2F9C48



4D6066



E6E6E6



666666



# Same Dimension

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



2F819C



21A2CC



2F4C9C



474D4F



006B8F



000C0F



# Inverse Universe

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



9C2F81



CC21A2



9C7F2F



4F474D



8F006B



0F000C



# Previews

## White Background



This preview shows how the Hex color 2F819C looks on a white background.

## Color Contrast Check

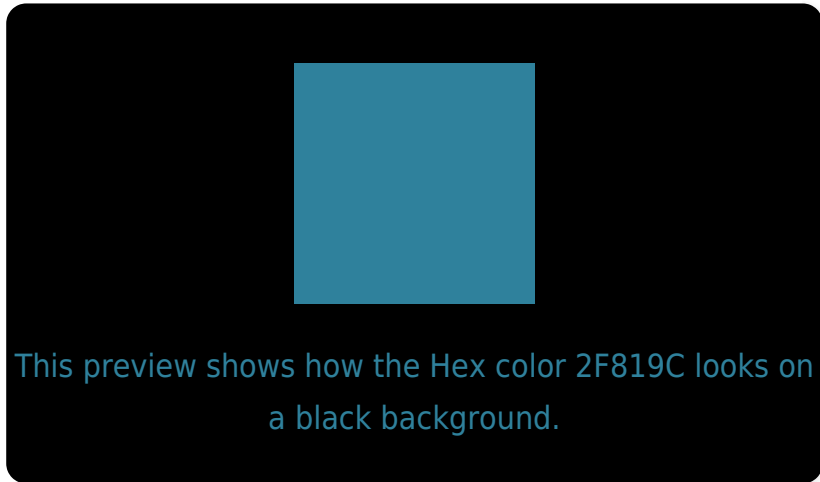
Large Text (above 18pt) WCAG AA ✓ Pass

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

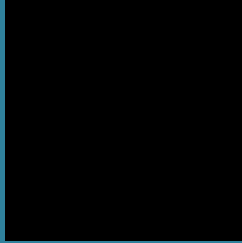
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F819C Background



This preview shows how black text looks on a background with the Hex color 2F819C.

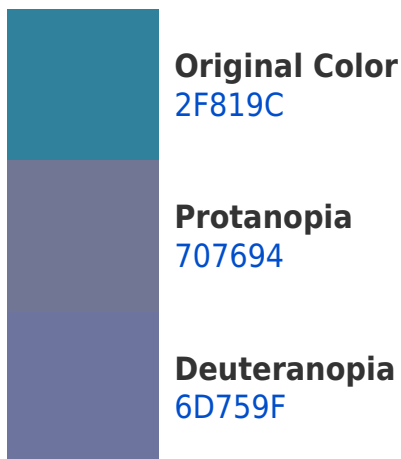


This preview shows how white text looks on a background with the Hex color 2F819C.

# 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](#).

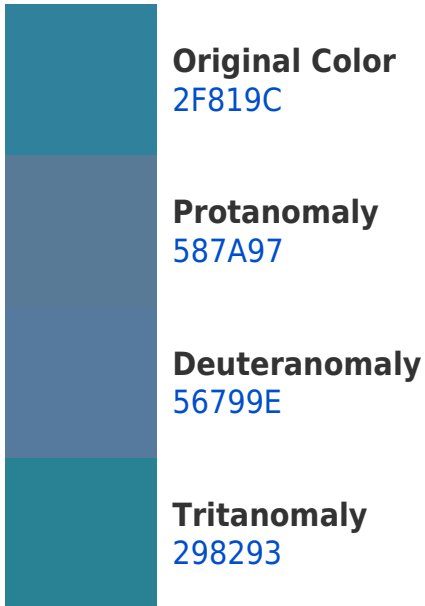
## Dichromacy



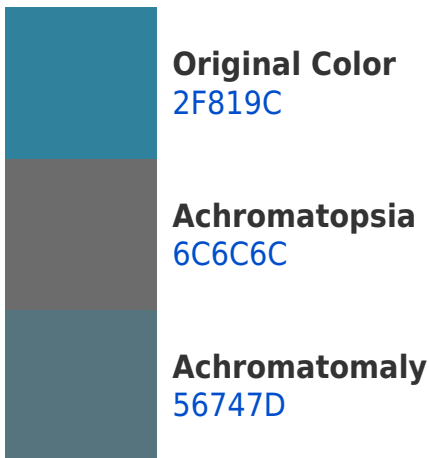


**Tritanopia**  
26838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F819C 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 #2F819C looks like.

```
.text, #text, p{  
    color:#2F819C  
}
```

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 #2F819C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F819C
}
```

## Border

The CSS property to change the border of an element to Hex 2F819C 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
#2F819C }
```

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

```
.border{ border-color:#2F819C }
```

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

Here you see how a box with a 4 pixel #2F819C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F819C; -webkit-box-shadow:4px 4px  
4px 4px #2F819C; box-shadow:4px 4px 4px  
4px #2F819C }
```

# Background

The CSS property to change the background color of an element to Hex 2F819C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F819C }
```

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

```
.background{ background-color:#2F819C }
```

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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