

Converting Colors

Hex(2F939D)

Have a look what the booklet for
Hex(2F939D) contains.

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Color

Hex(2F939D)

Conversions

Conversions Part 1

Format	Color
Hex	2F939D
RGB	47, 147, 157
RGB Percent	18%, 58%, 62%
CMY	0.8157, 0.4235, 0.3843
CMYK	0.70, 0.06, 0.00, 0.38
HSL	185°, 54%, 40%
HSV	185°, 70%, 62%
XYZ	17.6918, 23.9061, 35.5802
YIQ	118.2400, -62.8100, -18.0900

Conversions

Conversions Part 2

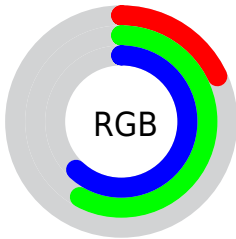
Format	Color
R_{YB}	47, 99, 157
Decimal	3117981
CIE _{Lab}	55.99, -24.83, -13.63
CIE _{LCh}	56, 28.328, 208.760
Yxy	23.9061, 0.2292, 0.3098
Android (android.graphics.Color)	4281308061 (0xFF2F939D)
YUV	118.2400, 19.1087, -62.4775
Hunter-Lab	48.8939, -20.9756, -8.9198




Details

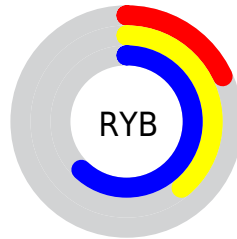
The Hex color **2F939D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D392F**, and the grayscale version is **767676**.




A 20% lighter version of the original color is **6DC9D4**, and **00606A** is the 20% darker color. If you saturate the color by 10%, you get **1F929D**, and if you desaturate by 10%, it is **3F949D**.

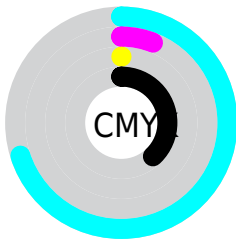
Distribution







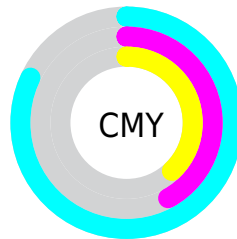
-  Red (18%)
-  Green (58%)
-  Blue (62%)






-  Red (18%)
-  Yellow (39%)
-  Blue (62%)



-  Cyan (70%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (82%)
-  Magenta (42%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F939D 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 2F939D by changing the saturation by 10% instead.



2F939D



2F939D

FFFFFF



007983



6DC9D4



00606A



89E6F0



004852



A6FFFF



00313B



C3FFFF



001E25



E1FFFF



00010F



000000



2F939D



2F939D



1F929D



3F949D

■ 10909D

■ 4E969D

■ 008F9D

■ 5E979D

■ 6E999D

■ 7E9A9D

■ 8D9C9D

■ 9D9D9D

■ AD9E9D

■ BCA09D

Harmonies

Analogous

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



449384



2F939D



3E8FB0

Triad

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



2F939D



A478A0



988455

Complementary

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



2F939D



9D392F

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.



AC7C5D



2F939D



B47488

Square

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



2F939D



8880B1



B67570



7E8C5A

Rectangle

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



2F939D



568BB6



B67570



9F8156

Sweetspot

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



2F939D



A1C8CC



2F9D38



4D6466



E6E6E6



666666

Same Dimension

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



2F939D



21BCCC



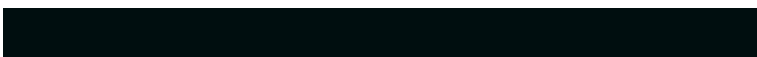
2F5D9D



474E4F



00828F



000E0F

Inverse Universe

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



9D2F93



CC21BC



9D6F2F



4F474E



8F0082



0F000E

Previews

White Background



This preview shows how the Hex color 2F939D 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

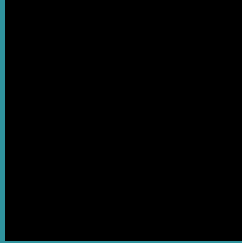
Any Text WCAG AA ✓ Pass

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 2F939D Background



This preview shows how black text looks on a background with the Hex color 2F939D.

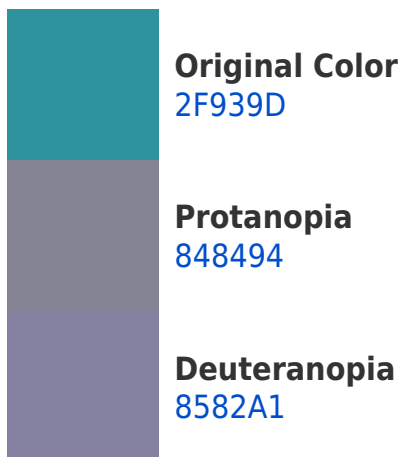


This preview shows how white text looks on a background with the Hex color 2F939D.

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
30939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F939D 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 #2F939D looks like.

```
.text, #text, p{  
    color:#2F939D  
}
```

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 #2F939D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F939D
}
```

Border

The CSS property to change the border of an element to Hex 2F939D 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
#2F939D }
```

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

```
.border{ border-color:#2F939D }
```

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

Here you see how a box with a 4 pixel #2F939D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F939D; -webkit-box-shadow:4px 4px  
4px 4px #2F939D; box-shadow:4px 4px 4px  
4px #2F939D }
```

Background

The CSS property to change the background color of an element to Hex 2F939D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F939D }
```

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

```
.background{ background-color:#2F939D }
```

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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