

# Converting Colors

Hex(2F739E)

Have a look what the booklet for  
Hex(2F739E) contains.

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# Color

Hex(2F739E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F739E
RGB	47, 115, 158
RGB Percent	18%, 45%, 62%
CMY	0.8157, 0.5490, 0.3804
CMYK	0.70, 0.27, 0.00, 0.38
HSL	203°, 54%, 40%
HSV	203°, 70%, 62%
XYZ	13.4746, 15.3344, 34.5974
YIQ	99.5700, -54.3310, -1.0430

# Conversions

## Conversions Part 2

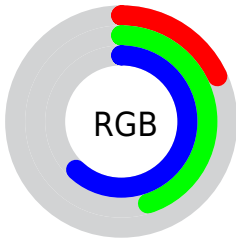
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 89, 158
Decimal	3109790
CIELab	46.09, -6.91, -29.43
CIElCh	46, 30.228, 256.782
Yxy	15.3344, 0.2125, 0.2418
Android (android.graphics.Color)	4281299870 (0xFF2F739E)
YUV	99.5700, 28.8060, -46.1039
Hunter-Lab	39.1592, -7.1072, -24.9717

# Details

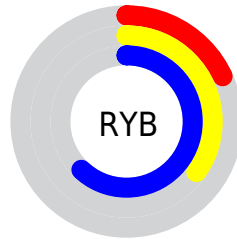
The Hex color **2F739E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E5A2F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6AA7D5**, and **00436A** is the 20% darker color. If you saturate the color by 10%, you get **1F6D9E**, and if you desaturate by 10%, it is **3F799E**.

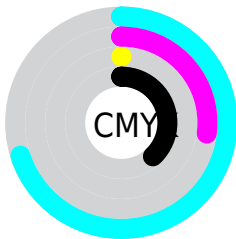
# Distribution



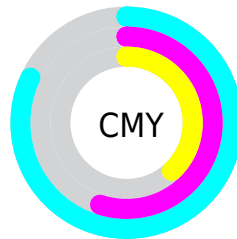
- Red (18%)
- Green (45%)
- Blue (62%)



- Red (18%)
- Yellow (35%)
- Blue (62%)



- Cyan (70%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (55%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F739E 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 2F739E by changing the saturation by 10% instead.



■ 2F739E

■ 2F739E

FFFFFF

■ 005B84

■ 6AA7D5

■ 00436A

■ 87C2F1

■ 002D52

■ A3DEFF

■ 00193B

■ C0FAFF

■ 000225

■ DDFFFF

■ 00010D

■ FAFFFF

■ 000000

■ 2F739E

■ 2F739E

■ 1F6D9E

■ 3F799E

0F679E

4F7F9E

00619E

5E859E

6E8B9E

7E929E

8E989E

9E9E9E

ADA49E

BDAA9E

# Harmonies

## Analogous

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



007891



2F739E



5F6B9D

# Triad

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



2F739E



9E5960



53764A

# Complementary

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



2F739E



9E5A2F

# 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.



6F703C



2F739E



985F49

# Square

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



2F739E



975A79



87683C



307A61

# Rectangle

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



2F739E



776496



87683C



5D7544



# Sweetspot

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



2F739E



A3BECF



2F9E5A



4E5E69



E8E8E8



696969



# Same Dimension

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



2F739E



218BCF



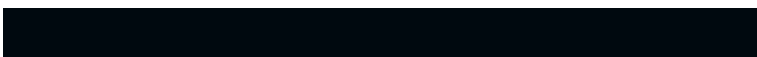
2F3C9E



474C4F



00578F



00090F



# Inverse Universe

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



9E2F73



CF218B



9E912F



4F474C



8F0057



0F0009



# Previews

## White Background



This preview shows how the Hex color 2F739E looks on a white background.

## Color Contrast Check

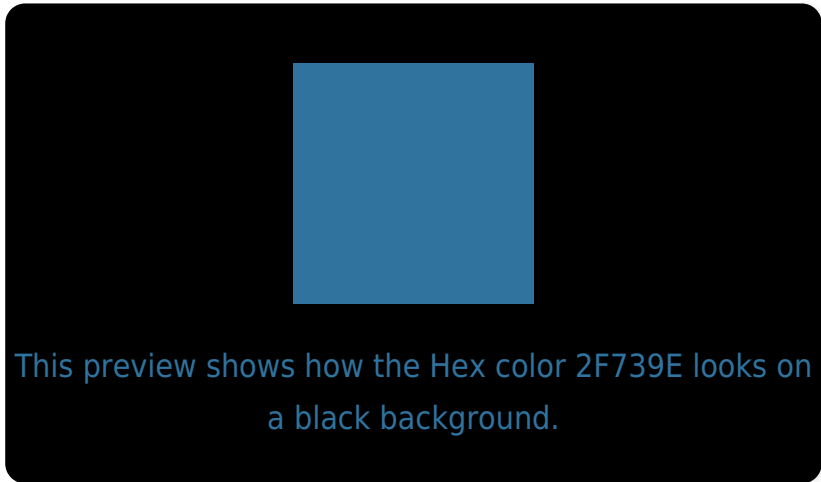
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

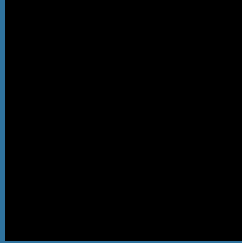
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F739E Background



This preview shows how black text looks on a background with the Hex color 2F739E.

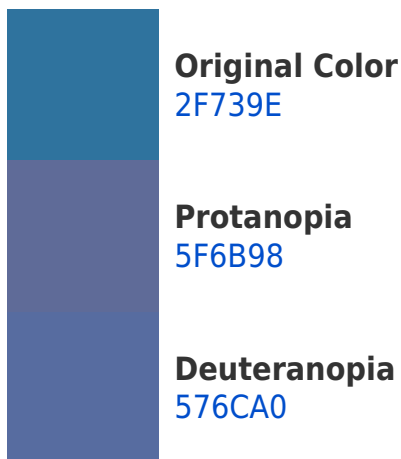


This preview shows how white text looks on a background with the Hex color 2F739E.

# 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](#).

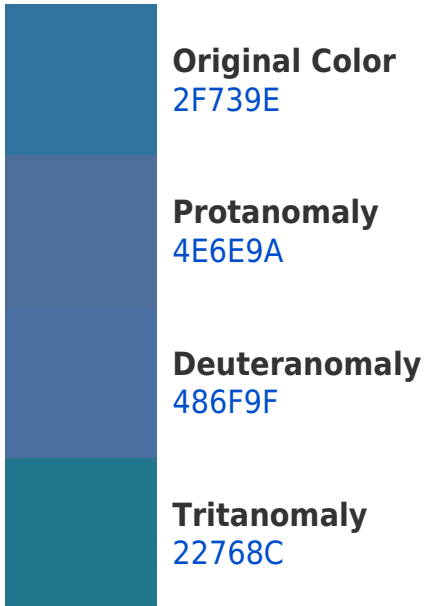
## Dichromacy





**Tritanopia**  
1A7882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F739E 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 #2F739E looks like.

```
.text, #text, p{  
    color:#2F739E  
}
```

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 #2F739E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F739E
}
```

## Border

The CSS property to change the border of an element to Hex 2F739E 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
#2F739E }
```

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

```
.border{ border-color:#2F739E }
```

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

Here you see how a box with a 4 pixel #2F739E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F739E; -webkit-box-shadow:4px 4px  
4px 4px #2F739E; box-shadow:4px 4px 4px  
4px #2F739E }
```

# Background

The CSS property to change the background color of an element to Hex 2F739E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F739E }
```

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

```
.background{ background-color:#2F739E }
```

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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