

# Converting Colors

Hex(27659F)

Have a look what the booklet for  
Hex(27659F) contains.

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# Color

Hex(27659F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	27659F
RGB	39, 101, 159
RGB Percent	15%, 40%, 62%
CMY	0.8471, 0.6039, 0.3765
CMYK	0.75, 0.36, 0.00, 0.38
HSL	209°, 61%, 39%
HSV	209°, 75%, 62%
XYZ	11.7484, 12.2419, 34.5446
YIQ	89.0740, -55.5700, 4.8940

# Conversions

## Conversions Part 2

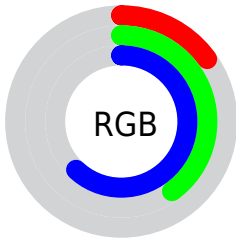
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 80, 159
Decimal	2581919
CIE <sub>Lab</sub>	41.60, 0.80, -37.10
CIE <sub>LCh</sub>	42, 37.109, 271.235
Yxy	12.2419, 0.2007, 0.2091
Android (android.graphics.Color)	4280771999 (0xFF27659F)
YUV	89.0740, 34.4735, -43.9149
Hunter-Lab	34.9884, -1.2931, -34.0460

# Details

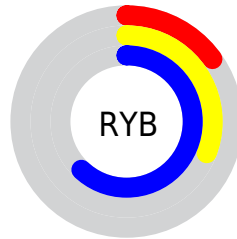
The Hex color **27659F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F6127**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6598D6**, and **00376B** is the 20% darker color. If you saturate the color by 10%, you get **175D9F**, and if you desaturate by 10%, it is **376D9F**.

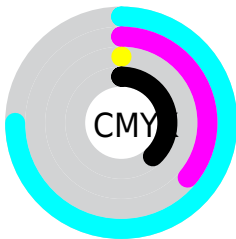
# Distribution



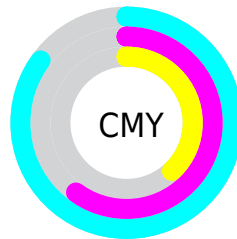
- Red (15%)
- Green (40%)
- Blue (62%)



- Red (15%)
- Yellow (31%)
- Blue (62%)



- Cyan (75%)
- Magenta (36%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27659F 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 27659F by changing the saturation by 10% instead.



■ 27659F

FFFFFF

■ 6598D6

■ 81B2F3

■ 9ECEFF

■ BBFAFF

■ D8FFFF

■ F6FFFF

■ 27659F

■ 175D9F

■ 27659F

■ 004D85

■ 00376B

■ 002252

■ 000B3B

■ 000225

■ 00010D

■ 000000

■ 27659F

■ 376D9F

07569F

47749F

00529F

577C9F

67849F

778B9F

86939F

969B9F

A6A29F

B6AA9F

# Harmonies

## Analogous

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



006D97



27659F



655A96

# Triad

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



27659F



994B44



296F44

# Complementary

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



27659F



9F6127

# 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.



536A2B



27659F



8A562D

# Square

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



27659F



994762



726122



007162

# Rectangle

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



27659F



7F5189



726122



3A6D3A



# Sweetspot

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



27659F



9FB8CF



279F61



4B5A69



E8E8E8



696969



# Same Dimension

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



27659F



1374CF



27299F



474B4F



004A8F



00080F



# Inverse Universe

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



9F2765



CF1374



9F9D27



4F474B



8F004A



0F0008



# Previews

## White Background



This preview shows how the Hex color 27659F looks on a white background.

## Color Contrast Check

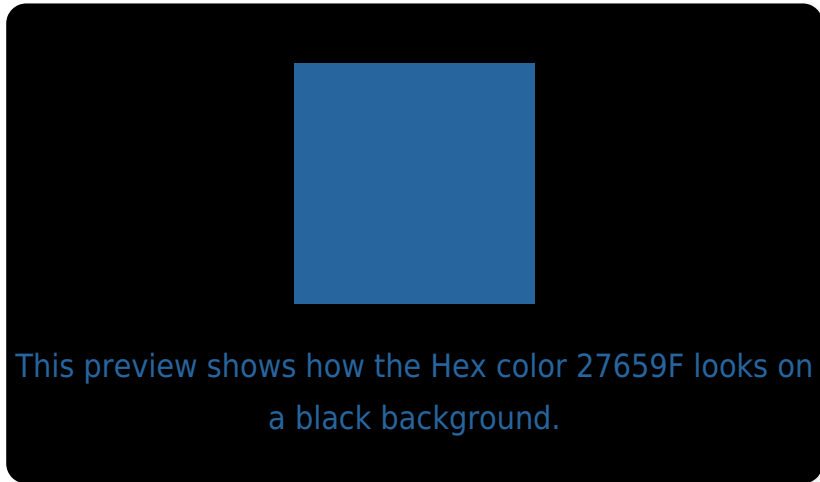
Large Text (above 18pt) WCAG AA ✓ Pass

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 27659F Background



This preview shows how black text looks on a background with the Hex color 27659F.

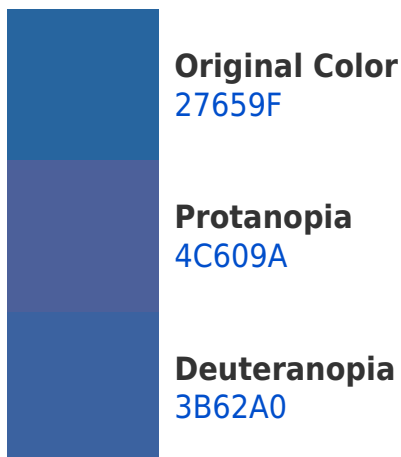


This preview shows how white text looks on a background with the Hex color 27659F.

# 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](#).

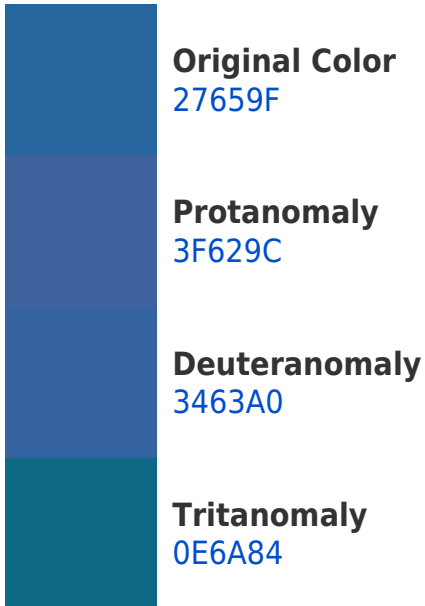
## Dichromacy





**Tritanopia**  
006D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27659F 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 #27659F looks like.

```
.text, #text, p{  
    color:#27659F  
}
```

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 #27659F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27659F
}
```

## Border

The CSS property to change the border of an element to Hex 27659F 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
#27659F }
```

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

```
.border{ border-color:#27659F }
```

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

Here you see how a box with a 4 pixel #27659F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27659F; -webkit-box-shadow:4px 4px  
4px 4px #27659F; box-shadow:4px 4px 4px  
4px #27659F }
```

# Background

The CSS property to change the background color of an element to Hex 27659F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27659F }
```

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

```
.background{ background-color:#27659F }
```

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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