

Converting Colors

Hex(70839F)

Have a look what the booklet for
Hex(70839F) contains.

Hex(70839F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70839F)

Conversions

Conversions Part 1

Format	Color
Hex	70839F
RGB	112, 131, 159
RGB Percent	44%, 51%, 62%
CMY	0.5608, 0.4863, 0.3765
CMYK	0.30, 0.18, 0.00, 0.38
HSL	216°, 20%, 53%
HSV	216°, 30%, 62%
XYZ	21.0564, 22.1805, 35.9724
YIQ	128.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

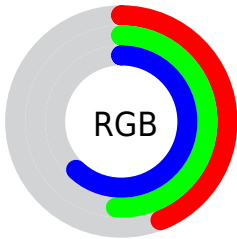
Format	Color
R_{YB}	112, 126, 159
Decimal	7373727
CIE _{Lab}	54.22, -0.12, -17.20
CIE _{LCh}	54, 17.196, 269.593
Yxy	22.1805, 0.2658, 0.2800
Android (android.graphics.Color)	4285563807 (0xFF70839F)
YUV	128.5110, 15.0311, -14.4801
Hunter-Lab	47.0962, -2.6123, -12.3187

Details

The Hex color **70839F** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9F8C70**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A5B8D6**, and **3E526C** is the 20% darker color. If you saturate the color by 10%, you get **607A9F**, and if you desaturate by 10%, it is **808C9F**.

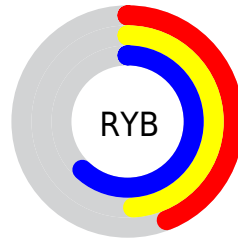
Distribution



Red (44%)

Green (51%)

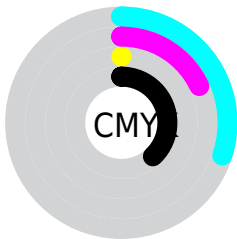
Blue (62%)



Red (44%)

Yellow (49%)

Blue (62%)

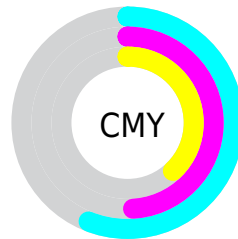


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70839F 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 70839F by changing the saturation by 10% instead.

■ 70839F

■ 70839F

FFFFFF

■ 576A85

■ A5B8D6

■ 3E526C

■ C0D4F2

■ 273B53

■ DCF0FF

■ 0E253C

■ F9FFFF

■ 001026

■ 000110

■ 000000

■ 70839F

■ 70839F

■ 607A9F

■ 808C9F

■ 50709F

■ 90969F

■ 40679F

■ A09F9F

■ 305D9F

■ B0A99F

■ 20549F

■ C0B29F

■ 114A9F

■ CFBC9F

■ 01419F

■ DFC59F

■ 00409F

■ EFCE9F

■ FFD89F

Harmonies

Analogous

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



5F879B



70839F



847E9B

Triad

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



70839F



A07874



6C8972

Complementary

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



70839F



9F8C70

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.



7D8568



70839F



9A7C69

Square

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



70839F



9F7782



8D8164



5E8A81

Rectangle

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



70839F



907B95



8D8164



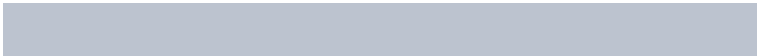
72886E

Sweetspot

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



70839F



BCC3CF



709F8B



5D6269



E8E8E8



696969

Same Dimension

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



70839F



86A3CF



74709F



474A4F



003A8F



00060F

Inverse Universe

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



9F7083



CF86A3



9B9F70



4F474A



8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 70839F looks on a white background.

Color Contrast Check

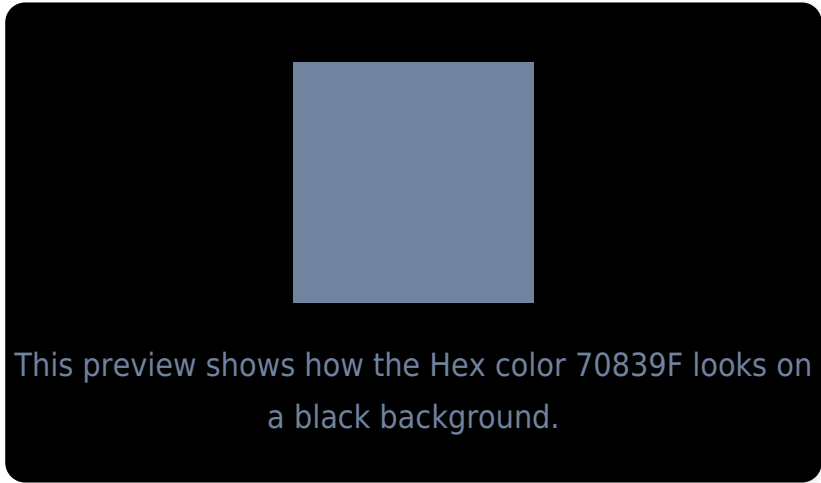
Large Text (above 18pt) WCAG AA ✓ Pass

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

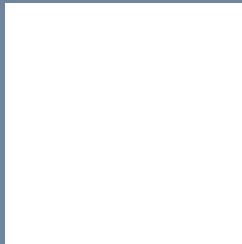
Any Text WCAG AAA × Fail

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

Hex 70839F Background



This preview shows how black text looks on a background with the Hex color 70839F.



This preview shows how white text looks on a background with the Hex color 70839F.

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



Original Color
70839F

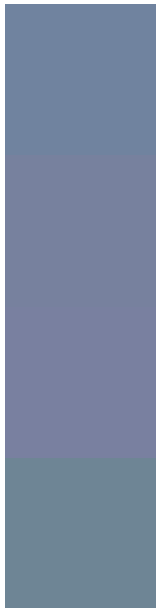
Protanopia
7B809D

Deuteranopia
7E7FA0



Tritanopia
6D8690

Trichromacy



Original Color
70839F

Protanomaly
77819E

Deuteranomaly
7980A0

Tritanomaly
6E8595

Monochromacy



Original Color
70839F

Achromatopsia
818181

Achromatomaly
7B828C

CSS Examples

Text

The CSS property to change the color of the text to Hex 70839F 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 #70839F looks like.

```
.text, #text, p{  
    color:#70839F  
}
```

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 #70839F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70839F
}
```

Border

The CSS property to change the border of an element to Hex 70839F 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
#70839F }
```

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

```
.border{ border-color:#70839F }
```

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

Here you see how a box with a 4 pixel #70839F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70839F; -webkit-box-shadow:4px 4px  
4px 4px #70839F; box-shadow:4px 4px 4px  
4px #70839F }
```

Background

The CSS property to change the background color of an element to Hex 70839F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70839F }
```

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

```
.background{ background-color:#70839F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor