

Converting Colors

Hex(7F639D)

Have a look what the booklet for
Hex(7F639D) contains.

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Color

Hex(7F639D)

Conversions

Conversions Part 1

Format	Color
Hex	7F639D
RGB	127, 99, 157
RGB Percent	50%, 39%, 62%
CMY	0.5020, 0.6118, 0.3843
CMYK	0.19, 0.37, 0.00, 0.38
HSL	269°, 23%, 50%
HSV	269°, 37%, 62%
XYZ	19.3000, 15.8700, 33.9443
YIQ	113.9840, -1.9300, 23.9740

Conversions

Conversions Part 2

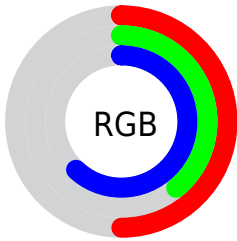
Format	Color
R _Y B	127, 99, 157
Decimal	8348573
CIE Lab	46.80, 23.18, -27.33
CIE LCh	47, 35.836, 310.302
Yxy	15.8700, 0.2792, 0.2296
Android (android.graphics.Color)	4286538653 (0xFF7F639D)
YUV	113.9840, 21.2069, 11.4150
Hunter-Lab	39.8372, 16.7633, -22.6335

Details

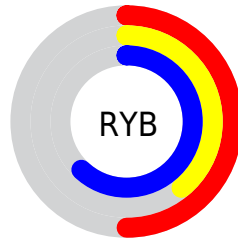
The Hex color **7F639D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **819D63**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B596D4**, and **4D3469** is the 20% darker color. If you saturate the color by 10%, you get **77539D**, and if you desaturate by 10%, it is **87739D**.

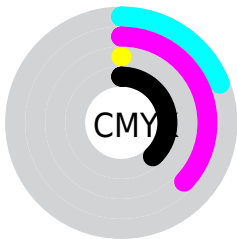
Distribution



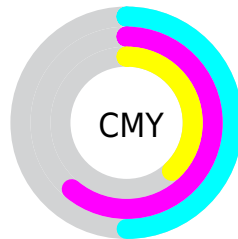
- Red (50%)
- Green (39%)
- Blue (62%)



- Red (50%)
- Yellow (39%)
- Blue (62%)



- Cyan (19%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F639D 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 7F639D by changing the saturation by 10% instead.

7F639D

7F639D

FFFFFF

654B83

B596D4

4D3469

D1B1F0

351E51

EDCCFF

1D093A

FFE9FF

000024

00000B

000000

7F639D

7F639D

77539D

87739D

6F449D

8F829D

67349D

97929D

5F249D

9FA29D

56149D

A8B29D

4E059D

B0C19D

4C009D

B8D19D

C0E19D

C8F09D

Harmonies

Analogous

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



506FAA



7F639D



9C5984

Triad

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



7F639D



916636



007E79

Complementary

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



7F639D



819D63

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.



2A7D5A



7F639D



777132

Square

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



7F639D



A35C49



56783F



007D95

Rectangle

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



7F639D



A65670



56783F



007E6E

Sweetspot

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



7F639D



C0B6CC



63829D



5F5966



E6E6E6



666666

Same Dimension

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



7F639D



9E72CC



9B639D



4B474F



45008F



07000F

Inverse Universe

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



9D6381



CC72A1



659D63



4F474B



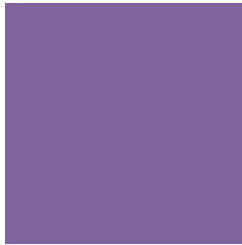
8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 7F639D 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

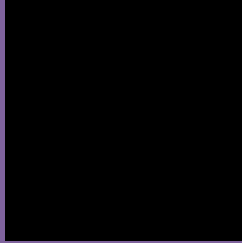
Any Text WCAG AA × Fail

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 7F639D Background



This preview shows how black text looks on a background with the Hex color 7F639D.

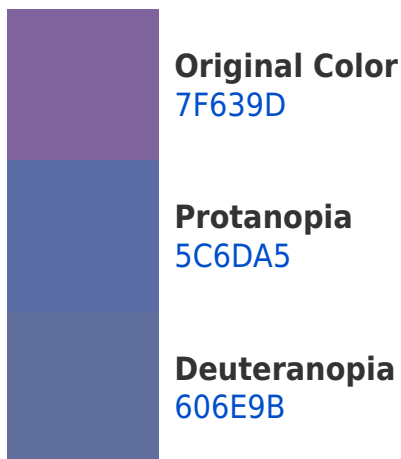



This preview shows how white text looks on a background with the Hex color 7F639D.

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
786C74

Trichromacy



Original Color
7F639D

Protanomaly
6969A2

Deuteranomaly
6B6A9C

Tritanomaly
7B6983

Monochromacy



Original Color
7F639D

Achromatopsia
727272

Achromatomaly
776D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F639D 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 #7F639D looks like.

```
.text, #text, p{  
    color:#7F639D  
}
```

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 #7F639D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F639D
}
```

Border

The CSS property to change the border of an element to Hex 7F639D 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
#7F639D }
```

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

```
.border{ border-color:#7F639D }
```

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

Here you see how a box with a 4 pixel #7F639D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F639D; -webkit-box-shadow:4px 4px  
4px 4px #7F639D; box-shadow:4px 4px 4px  
4px #7F639D }
```

Background

The CSS property to change the background color of an element to Hex 7F639D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F639D }
```

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

```
.background{ background-color:#7F639D }
```

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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