

# Converting Colors

Hex(786E9F)

Have a look what the booklet for  
Hex(786E9F) contains.

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# Color

**Hex(786E9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786E9F
RGB	120, 110, 159
RGB Percent	47%, 43%, 62%
CMY	0.5294, 0.5686, 0.3765
CMYK	0.25, 0.31, 0.00, 0.38
HSL	252°, 20%, 53%
HSV	252°, 31%, 62%
XYZ	19.5797, 17.6481, 35.1754
YIQ	118.5760, -9.7690, 17.3590

# Conversions

## Conversions Part 2

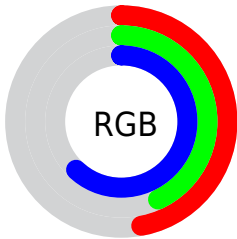
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 110, 159
Decimal	7892639
CIE <sub>Lab</sub>	49.07, 14.84, -25.05
CIE <sub>LCh</sub>	49, 29.113, 300.641
Yxy	17.6481, 0.2704, 0.2437
Android (android.graphics.Color)	4286082719 (0xFF786E9F)
YUV	118.5760, 19.9290, 1.2488
Hunter-Lab	42.0097, 9.6775, -20.2377

# Details

The Hex color **786E9F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **959F6E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ADA2D6**, and **463E6B** is the 20% darker color. If you saturate the color by 10%, you get **6B5E9F**, and if you desaturate by 10%, it is **857E9F**.

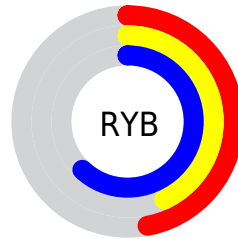
# Distribution



Red (47%)

Green (43%)

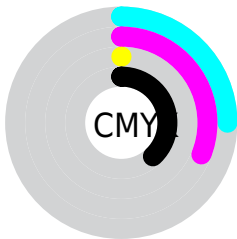
Blue (62%)



Red (47%)

Yellow (43%)

Blue (62%)

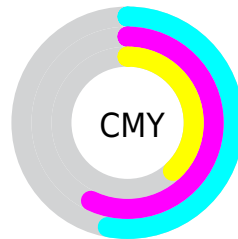


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (57%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786E9F 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 786E9F by changing the saturation by 10% instead.





786E9F



786E9F

FFFFFF



5F5685



ADA2D6



463E6B



C9BDF2



2E2853



E5D8FF



17143C



FFF5FF



000026



00010E



000000



786E9F



786E9F



6B5E9F



857E9F

5F4E9F

918E9F

523E9F

9E9E9F

452E9F

ABAE9F

391E9F

B7BE9F

2C0F9F

C4CD9F

20009F

D1DD9F

DDED9F

EAFD9F

# Harmonies

## Analogous

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



5177A6



786E9F



94668D

# Triad

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



786E9F



986B4A



2A8274

# Complementary

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



786E9F



959F6E

# 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.



4D805C



786E9F



847343

# Square

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



786E9F



A3645D



6B7B49



01818D

# Rectangle

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



786E9F



9F627D



6B7B49



37816C



# Sweetspot

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



786E9F



C0BCCF



6E959F



5F5D69



E8E8E8



696969



# Same Dimension

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



786E9F



9282CF



906E9F



49474F



1D008F



03000F



# Inverse Universe

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



9F6E95



CF82BF



7D9F6E



4F474D



8F0072



0F000C



# Previews

## White Background



This preview shows how the Hex color 786E9F looks on a white background.

## Color Contrast Check

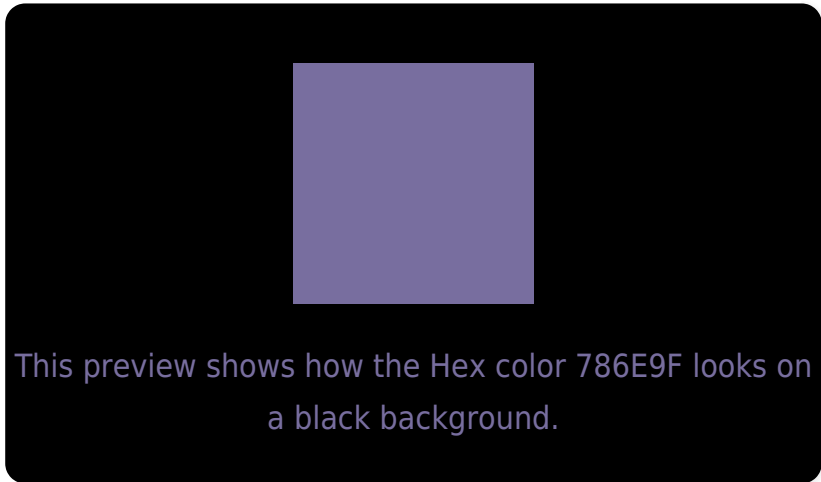
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 786E9F Background



This preview shows how black text looks on a background with the Hex color 786E9F.



This preview shows how white text looks on a background with the Hex color 786E9F.

# 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**  
72747E

# Trichromacy



**Original Color**  
786E9F

**Protanomaly**  
6D71A2

**Deuteranomaly**  
6E719E

**Tritanomaly**  
74728A

# Monochromacy



**Original Color**  
786E9F

**Achromatopsia**  
777777

**Achromatomaly**  
777486

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786E9F 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 #786E9F looks like.

```
.text, #text, p{  
    color:#786E9F  
}
```

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 #786E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786E9F
}
```

## Border

The CSS property to change the border of an element to Hex 786E9F 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".

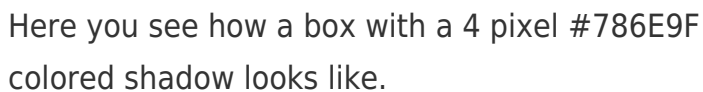
```
.border, #border, table{ border:4px solid
#786E9F }
```

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

```
.border{ border-color:#786E9F }
```

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

Here you see how a box with a 4 pixel #786E9F colored shadow looks like.

A rectangular box with a purple border and a purple box shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786E9F; -webkit-box-shadow:4px 4px  
4px 4px #786E9F; box-shadow:4px 4px 4px  
4px #786E9F }
```

# Background

The CSS property to change the background color of an element to Hex 786E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786E9F }
```

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

```
.background{ background-color:#786E9F }
```

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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