

Converting Colors

Hex(7E789F)

Have a look what the booklet for
Hex(7E789F) contains.

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Color

Hex(7E789F)

Conversions

Conversions Part 1

Format	Color
Hex	7E789F
RGB	126, 120, 159
RGB Percent	49%, 47%, 62%
CMY	0.5059, 0.5294, 0.3765
CMYK	0.21, 0.25, 0.00, 0.38
HSL	249°, 17%, 55%
HSV	249°, 25%, 62%
XYZ	21.5787, 20.3718, 35.5957
YIQ	126.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

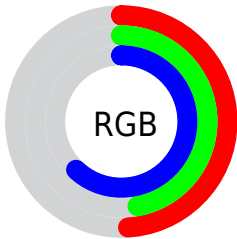
Format	Color
R_{YB}	126, 120, 159
Decimal	8288415
CIE _{Lab}	52.25, 10.82, -20.10
CIE _{LCh}	52, 22.824, 298.299
Yxy	20.3718, 0.2783, 0.2627
Android (android.graphics.Color)	4286478495 (0xFF7E789F)
YUV	126.2400, 16.1507, -0.2105
Hunter-Lab	45.1351, 6.3528, -15.1644

Details

The Hex color **7E789F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **999F78**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B3ACD6**, and **4C486B** is the 20% darker color. If you saturate the color by 10%, you get **71689F**, and if you desaturate by 10%, it is **8B889F**.

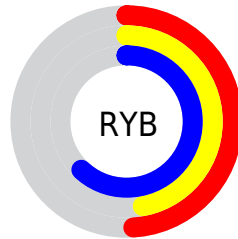
Distribution



Red (49%)

Green (47%)

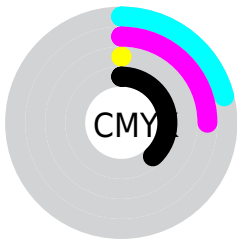
Blue (62%)



Red (49%)

Yellow (47%)

Blue (62%)

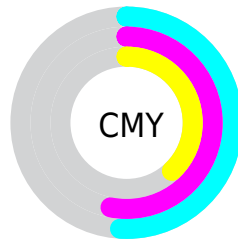


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E789F 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 7E789F by changing the saturation by 10% instead.

■ 7E789F

FFFFFF

■ B3ACD6

■ CFC8F2

■ EBE4FF

■ 7E789F

■ 655F85

■ 4C486B

■ 353153

■ 1E1C3C

■ 0A0226

■ 000110

■ 000000

■ 7E789F

■ 71689F

■ 7E789F

■ 8B889F

63589F

99989F

56489F

A6A89F

48389F

B4B89F

3B289F

C1C89F

2D199F

CFD79F

20099F

DCE79F

18009F

EAF79F

F7FF9F

Harmonies

Analogous

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



627FA3



7E789F



957291

Triad

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



7E789F



9B745C



4B877B

Complementary

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



7E789F



999F78

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.



608568



7E789F



8C7B56

Square

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



7E789F



A46F6B



77815A



3F878E

Rectangle

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



7E789F



9E6F85



77815A



528774

Sweetspot

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



7E789F



C2C0CF



78999F



616069



E8E8E8



696969

Same Dimension

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



7E789F



9C93CF



91789F



48474F



16008F



02000F

Inverse Universe

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



9F7899



CF93C5



869F78



4F474E



8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 7E789F looks on a white background.

Color Contrast Check

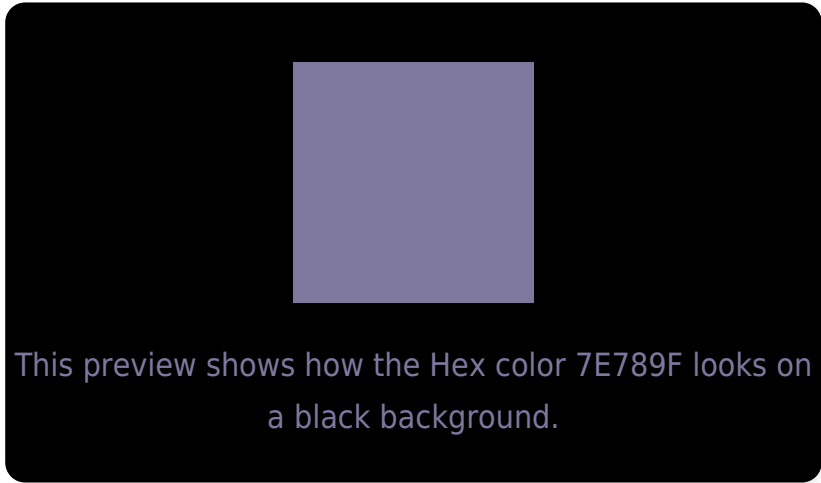
Large Text (above 18pt) WCAG AA ✓ Pass

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

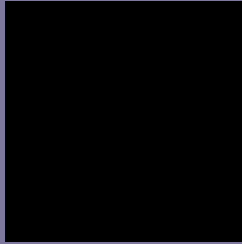
Any Text WCAG AA ✓ Pass

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 7E789F Background



This preview shows how black text looks on a background with the Hex color 7E789F.



This preview shows how white text looks on a background with the Hex color 7E789F.

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
7E89F

Protanopia
737BA1

Deuteranopia
777A9F



Tritanopia
797D86

Trichromacy



Original Color
7E789F

Protanomaly
777AA0

Deuteranomaly
7A799F

Tritanomaly
7B7B8F

Monochromacy



Original Color
7E789F

Achromatopsia
7E7E7E

Achromatomaly
7E7C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E789F 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 #7E789F looks like.

```
.text, #text, p{  
    color:#7E789F  
}
```

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 #7E789F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E789F
}
```

Border

The CSS property to change the border of an element to Hex 7E789F 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
#7E789F }
```

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

```
.border{ border-color:#7E789F }
```

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

Here you see how a box with a 4 pixel #7E789F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E789F; -webkit-box-shadow:4px 4px  
4px 4px #7E789F; box-shadow:4px 4px 4px  
4px #7E789F }
```

Background

The CSS property to change the background color of an element to Hex 7E789F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E789F }
```

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

```
.background{ background-color:#7E789F }
```

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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