

Converting Colors

Hex(81799F)

Have a look what the booklet for
Hex(81799F) contains.

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Color

Hex(81799F)

Conversions

Conversions Part 1

Format	Color
Hex	81799F
RGB	129, 121, 159
RGB Percent	51%, 47%, 62%
CMY	0.4941, 0.5255, 0.3765
CMYK	0.19, 0.24, 0.00, 0.38
HSL	253°, 17%, 55%
HSV	253°, 24%, 62%
XYZ	22.1486, 20.8451, 35.6570
YIQ	127.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

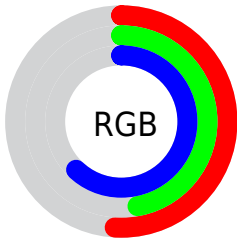
Format	Color
R_{YB}	129, 121, 159
Decimal	8485279
CIE _{Lab}	52.78, 11.22, -19.27
CIE _{LCh}	53, 22.300, 300.213
Yxy	20.8451, 0.2816, 0.2650
Android (android.graphics.Color)	4286675359 (0xFF81799F)
YUV	127.7240, 15.4191, 1.1191
Hunter-Lab	45.6564, 6.6944, -14.3452

Details

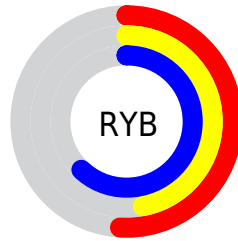
The Hex color **81799F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **979F79**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B6ADD6**, and **4F486B** is the 20% darker color. If you saturate the color by 10%, you get **74699F**, and if you desaturate by 10%, it is **8E899F**.

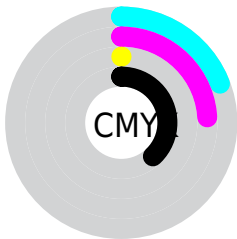
Distribution



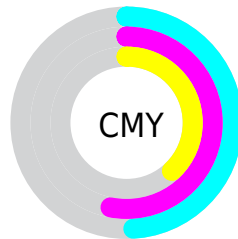
- Red (51%)
- Green (47%)
- Blue (62%)



- Red (51%)
- Yellow (47%)
- Blue (62%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81799F 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 81799F by changing the saturation by 10% instead.

■ 81799F

■ 81799F

FFFFFF

■ 686085

■ B6ADD6

■ 4F486B

■ D2C9F2

■ 383253

■ EEE5FF

■ 211D3C

■ 0E0426

■ 000110

■ 000000

■ 81799F

■ 81799F

■ 74699F

■ 8E899F

68599F

9A999F

5B499F

A7A99F

4F399F

B3B99F

42299F

C0C99F

361A9F

CCD89F

290A9F

D9E89F

21009F

E5F89F

F2FF9F

Harmonies

Analogous

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



6680A4



81799F



977391

Triad

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



81799F



9B765D



4D897D

Complementary

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



81799F



979F79

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.



61876A



81799F



8C7D58

Square

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



81799F



A4716C



77835C



438891

Rectangle

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



81799F



A07085



77835C



538877

Sweetspot

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



81799F



C3C0CF



79979F



626069



E8E8E8



696969

Same Dimension

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



81799F



9F93CF



94799F



49474F



1E008F



03000F

Inverse Universe

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



9F7997



CF93C2



849F79



4F474D



8F0071



0F000C

Previews

White Background



This preview shows how the Hex color 81799F looks on a white background.

Color Contrast Check

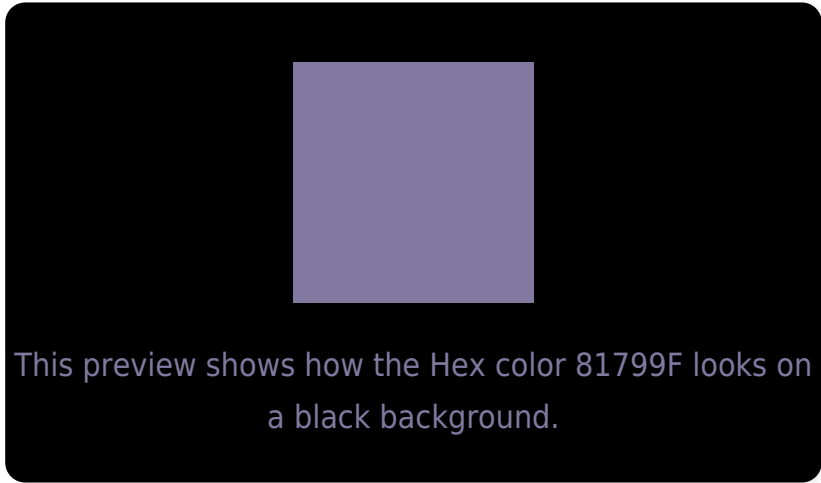
Large Text (above 18pt) WCAG AA ✓ Pass

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

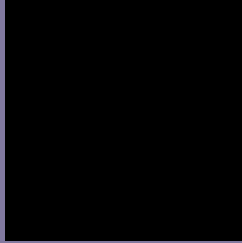
Any Text WCAG AA ✓ Pass

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 81799F Background



This preview shows how black text looks on a background with the Hex color 81799F.



This preview shows how white text looks on a background with the Hex color 81799F.

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
81799F

Protanopia
747DA2

Deuteranopia
797C9E



Tritanopia
7D7D87

Trichromacy



Original Color
81799F

Protanomaly
797CA1

Deuteranomaly
7C7B9E

Tritanomaly
7E7C90

Monochromacy



Original Color
81799F

Achromatopsia
808080

Achromatomaly
807D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 81799F 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 #81799F looks like.

```
.text, #text, p{  
    color:#81799F  
}
```

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 #81799F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81799F
}
```

Border

The CSS property to change the border of an element to Hex 81799F is called "border". The border property can be set on classes, ids or directly on the HTML element.

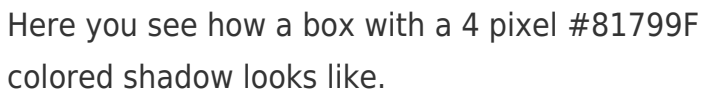
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81799F }
```

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

```
.border{ border-color:#81799F }
```

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



Here you see how a box with a 4 pixel #81799F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81799F; -webkit-box-shadow:4px 4px  
4px 4px #81799F; box-shadow:4px 4px 4px  
4px #81799F }
```

Background

The CSS property to change the background color of an element to Hex 81799F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81799F }
```

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

```
.background{ background-color:#81799F }
```

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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