

# Converting Colors

Hex(82799A)

Have a look what the booklet for  
Hex(82799A) contains.

|  |    |
|--|----|
| <b>Hex(82799A)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(82799A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 82799A                     |
| RGB           | 130, 121, 154              |
| RGB Percent   | 51%, 47%, 60%              |
| CMY           | 0.4902, 0.5255, 0.3961     |
| CMYK          | 0.16, 0.21, 0.00, 0.40     |
| HSL           | 256°, 14%, 54%             |
| HSV           | 256°, 21%, 60%             |
| XYZ           | 21.8760, 20.7537, 33.4247  |
| YIQ           | 127.4530, -5.2290, 12.1710 |

# Conversions

## Conversions Part 2

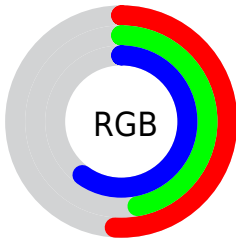
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 130, 121, 154                |
| Decimal                             | 8550810                      |
| CIE <sub>Lab</sub>                  | 52.68, 10.39, -16.50         |
| CIE <sub>LCh</sub>                  | 53, 19.502, 302.185          |
| Yxy                                 | 20.7537, 0.2876,<br>0.2729   |
| Android<br>(android.graphics.Color) | 4286740890<br>(0xFF82799A)   |
| YUV                                 | 127.4530, 13.0877,<br>2.2337 |
| Hunter-Lab                          | 45.5562, 5.9922,<br>-11.6119 |

# Details

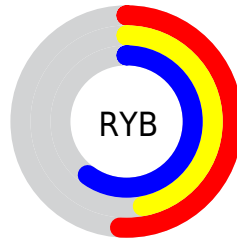
The Hex color **82799A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **919A79**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B7ADD0**, and **504867** is the 20% darker color. If you saturate the color by 10%, you get **776A9A**, and if you desaturate by 10%, it is **8D889A**.

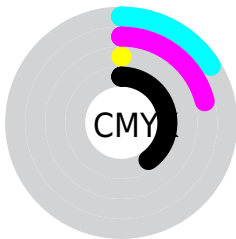
# Distribution



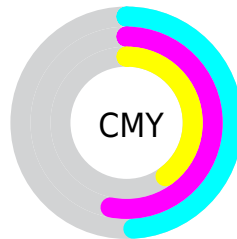
- Red (51%)
- Green (47%)
- Blue (60%)



- Red (51%)
- Yellow (47%)
- Blue (60%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82799A 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 82799A by changing the saturation by 10% instead.





82799A



82799A

FFFFFF



696080



B7ADD0



504867



D3C9ED



39324F



EFE5FF



231D38



0F0322



000009



000000



82799A



82799A



776A9A



8D889A

6C5A9A

98989A

604B9A

A4A79A

553B9A

AFB79A

4A2C9A

BAC69A

3F1D9A

C5D59A

340D9A

D0E59A

2A009A

DCF49A

E7FF9A

# Harmonies

## Analogous

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



6B7F9F



82799A



94748E

# Triad

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



82799A



977761



53877E

# Complementary

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



82799A



919A79

# 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.



64866E



82799A



897D5C

# Square

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



82799A



9F736D



778261



4D878F

# Rectangle

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



82799A



9C7283



778261



588779



# Sweetspot

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



82799A



C1BDC9



79919A



615F66



E6E6E6



666666



# Same Dimension

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



82799A



A395C9



92799A



47454D



26008C



03000D



# Inverse Universe

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



9A7991



C995BB



819A79



4D454A



8C0066



0D0009



# Previews

## White Background



This preview shows how the Hex color 82799A looks on a white background.

## Color Contrast Check

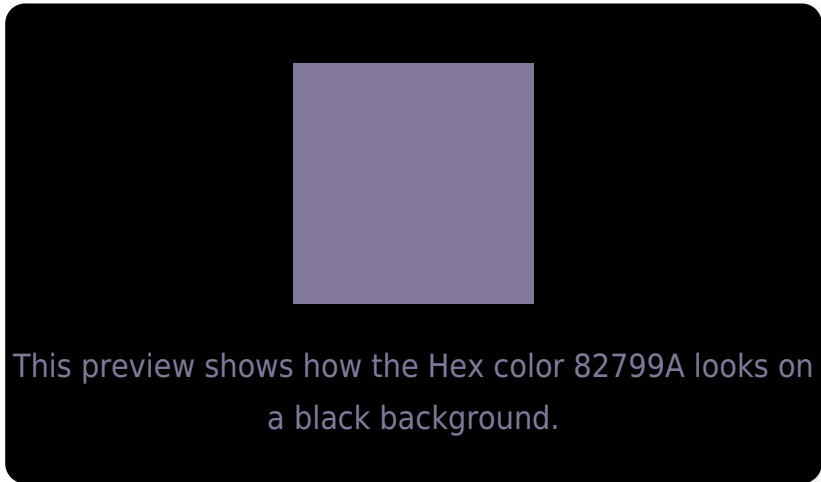
Large Text (above 18pt) WCAG AA ✓ Pass

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

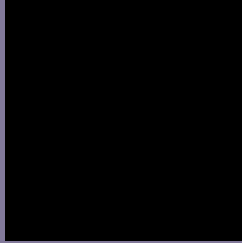
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 82799A Background



This preview shows how black text looks on a background with the Hex color 82799A.



This preview shows how white text looks on a background with the Hex color 82799A.

# 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**  
82799A

**Protanopia**  
767C9C

**Deuteranopia**  
7C7B9A



**Tritanopia**  
7F7D86

# Trichromacy



**Original Color**  
82799A

**Protanomaly**  
7A7B9B

**Deuteranomaly**  
7E7A9A

**Tritanomaly**  
807C8D

# Monochromacy



**Original Color**  
82799A

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
807D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82799A 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 #82799A looks like.

```
.text, #text, p{  
    color:#82799A  
}
```

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 #82799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82799A
}
```

## Border

The CSS property to change the border of an element to Hex 82799A 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
#82799A }
```

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

```
.border{ border-color:#82799A }
```

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

Here you see how a box with a 4 pixel #82799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82799A; -webkit-box-shadow:4px 4px  
4px 4px #82799A; box-shadow:4px 4px 4px  
4px #82799A }
```

# Background

The CSS property to change the background color of an element to Hex 82799A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82799A }
```

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

```
.background{ background-color:#82799A }
```

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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