

Converting Colors

Hex(81809E)

Have a look what the booklet for
Hex(81809E) contains.

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Color

Hex(81809E)

Conversions

Conversions Part 1

Format	Color
Hex	81809E
RGB	129, 128, 158
RGB Percent	51%, 50%, 62%
CMY	0.4941, 0.4980, 0.3804
CMYK	0.18, 0.19, 0.00, 0.38
HSL	242°, 13%, 56%
HSV	242°, 19%, 62%
XYZ	22.9440, 22.5741, 35.4957
YIQ	131.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

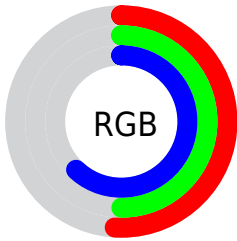
Format	Color
R_{YB}	129, 128, 158
Decimal	8487070
CIE Lab	54.63, 6.88, -15.87
CIE LCh	55, 17.298, 293.441
Yxy	22.5741, 0.2832, 0.2786
Android (android.graphics.Color)	4286677150 (0xFF81809E)
YUV	131.7190, 12.9565, -2.3846
Hunter-Lab	47.5122, 3.0526, -11.0362

Details

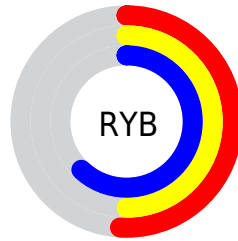
The Hex color **81809E** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9D9E80**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B6B5D5**, and **4F4F6B** is the 20% darker color. If you saturate the color by 10%, you get **72709E**, and if you desaturate by 10%, it is **90909E**.

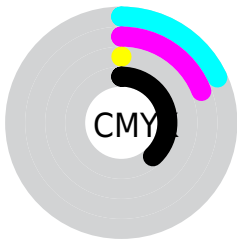
Distribution



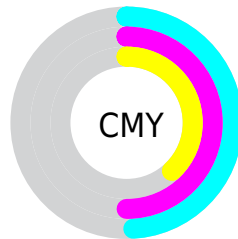
- Red (51%)
- Green (50%)
- Blue (62%)



- Red (51%)
- Yellow (50%)
- Blue (62%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81809E 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 81809E by changing the saturation by 10% instead.



81809E



81809E

FFFFFF



686784



B6B5D5



4F4F6B



D2D0F1



383852



EEEDFF



22233B



0D0D25



00010F



000000



81809E



81809E



72709E



90909E

62609E

A0A09E

53519E

AFAF9E

44419E

BEBF9E

35319E

CDCF9E

25219E

DDDF9E

16119E

ECEF9E

07029E

FBFE9E

05009E

FFFF9E

Harmonies

Analogous

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



6D85A0



81809E



937B95

Triad

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



81809E



9D7C6B



618B7F

Complementary

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



81809E



9D9E80

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.



708971



81809E



918165

Square

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



81809E



A27977



828567



598B8E

Rectangle

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



81809E



9C798C



828567



668B7A

Sweetspot

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



81809E



C3C2CF



809D9E



616169



E8E8E8



696969

Same Dimension

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



81809E



A19FCF



90809E



47474F



05008F



01000F

Inverse Universe

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



9E809D



CF9FCD



8E9E80



4F474F



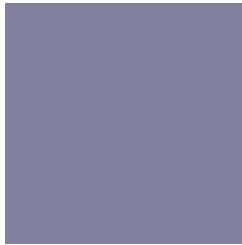
8F008A



0F000F

Previews

White Background



This preview shows how the Hex color 81809E looks on a white background.

Color Contrast Check

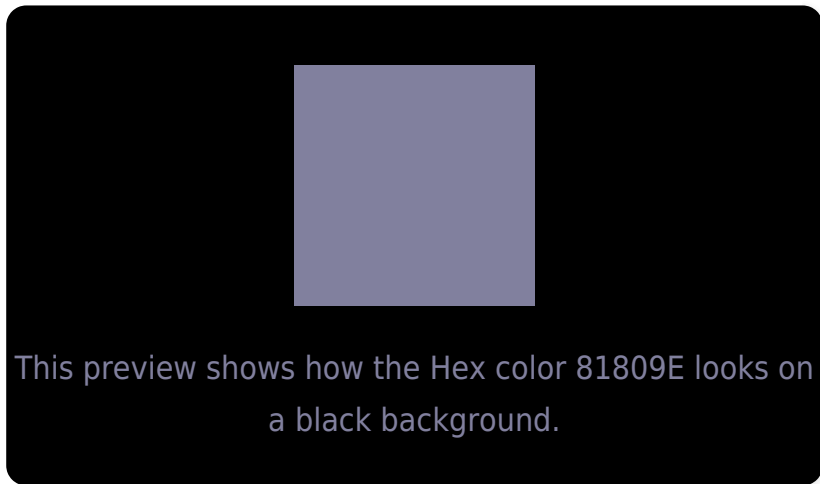
Large Text (above 18pt) WCAG AA ✓ Pass

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

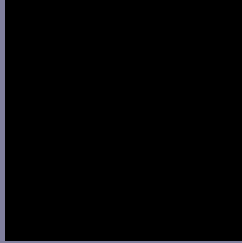
Any Text WCAG AA ✓ Pass

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 81809E Background



This preview shows how black text looks on a background with the Hex color 81809E.



This preview shows how white text looks on a background with the Hex color 81809E.

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
81809E

Protanopia
7C819F

Deuteranopia
82809E



Tritanopia
7E838D

Trichromacy



Original Color
81809E

Protanomaly
7E819F

Deuteranomaly
82809E

Tritanomaly
7F8293

Monochromacy



Original Color
81809E

Achromatopsia
848484

Achromatomaly
83838D

CSS Examples

Text

The CSS property to change the color of the text to Hex 81809E 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 #81809E looks like.

```
.text, #text, p{  
    color:#81809E  
}
```

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 #81809E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81809E
}
```

Border

The CSS property to change the border of an element to Hex 81809E is called "border". The border property can be set on classes, ids or directly on the HTML element.

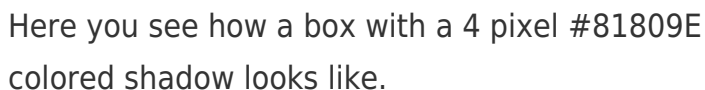
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81809E }
```

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

```
.border{ border-color:#81809E }
```

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



Here you see how a box with a 4 pixel #81809E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81809E; -webkit-box-shadow:4px 4px  
4px 4px #81809E; box-shadow:4px 4px 4px  
4px #81809E }
```

Background

The CSS property to change the background color of an element to Hex 81809E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81809E }
```

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

```
.background{ background-color:#81809E }
```

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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