

# Converting Colors

Hex(8C819E)

Have a look what the booklet for  
Hex(8C819E) contains.

|  |    |
|--|----|
| <b>Hex(8C819E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(8C819E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8C819E                     |
| RGB           | 140, 129, 158              |
| RGB Percent   | 55%, 51%, 62%              |
| CMY           | 0.4510, 0.4941, 0.3804     |
| CMYK          | 0.11, 0.18, 0.00, 0.38     |
| HSL           | 263°, 13%, 56%             |
| HSV           | 263°, 18%, 62%             |
| XYZ           | 24.8370, 23.7446, 35.6219  |
| YIQ           | 135.5950, -2.7530, 11.3510 |

# Conversions

## Conversions Part 2

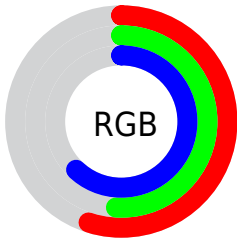
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">140, 129, 158</a>                                |
| Decimal                             | <a href="#">9208222</a>                                      |
| CIELab                              | <a href="#">55.83, 10.04, -13.96</a>                         |
| CIELCh                              | <a href="#">56, 17.201, 305.729</a>                          |
| Yxy                                 | <a href="#">23.7446, 0.2950, 0.2820</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287398302</a><br>( <a href="#">0xFF8C819E</a> ) |
| YUV                                 | <a href="#">135.5950, 11.0457, 3.8632</a>                    |
| Hunter-Lab                          | <a href="#">48.7284, 5.7073, -9.2328</a>                     |

# Details

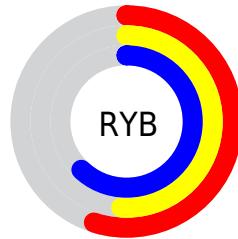
The Hex color **8C819E** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **939E81**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C2B6D5**, and **5A506B** is the 20% darker color. If you saturate the color by 10%, you get **82719E**, and if you desaturate by 10%, it is **96919E**.

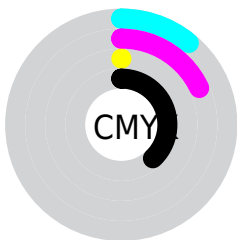
# Distribution



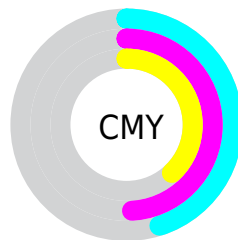
- Red (55%)
- Green (51%)
- Blue (62%)



- Red (55%)
- Yellow (51%)
- Blue (62%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C819E 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 8C819E by changing the saturation by 10% instead.



■ 8C819E

FFFFFF

■ C2B6D5

■ DED1F1

■ FAEEFF

■ 8C819E

■ 726884

■ 5A506B

■ 423952

■ 2C233B

■ 170E25

■ 000110

■ 000000

■ 8C819E

■ 82719E

■ 8C819E

■ 96919E

78619E

A0A19E

6F529E

A9B09E

65429E

B3C09E

5B329E

BDD09E

51229E

C7E09E

47129E

D1F09E

3E039E

DAFF9E

3C009E

E4FF9E

# Harmonies

## Analogous

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



7886A3



8C819E



9C7D92

# Triad

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



8C819E



9C816B



608E88

# Complementary

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



8C819E



939E81

# 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.



6D8D79



8C819E



8E8668

# Square

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



8C819E



A47D75



7E8A6D



5D8E97

# Rectangle

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



8C819E



A27B89



7E8A6D



648E83



# Sweetspot

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



8C819E



C7C2CF



81939E



646169



E8E8E8



696969



# Same Dimension

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



8C819E



B2A1CF



9A819E



4A474F



36008F



06000F



# Inverse Universe

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



9E8193



CFA1BD



859E81



4F474C



8F0059

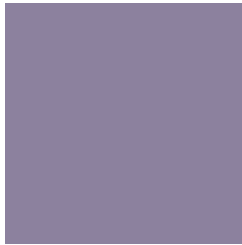


0F0009



# Previews

## White Background



This preview shows how the Hex color 8C819E looks on a white background.

## Color Contrast Check

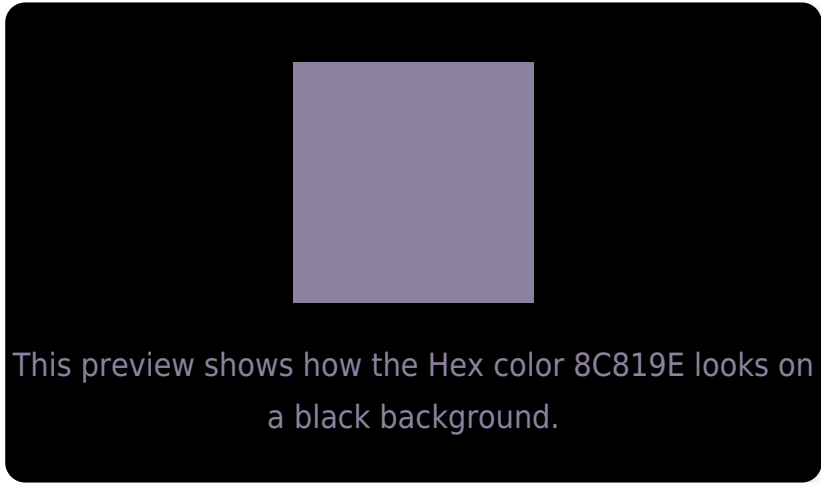
Large Text (above 18pt) WCAG AA ✓ Pass

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

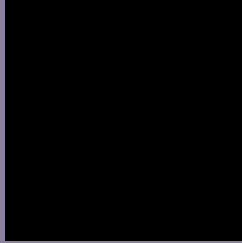
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C819E Background



This preview shows how black text looks on a background with the Hex color 8C819E.



This preview shows how white text looks on a background with the Hex color 8C819E.

# 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**  
8C819E

**Protanopia**  
8085A0

**Deuteranopia**  
87839E



**Tritanopia**  
89848E

# Trichromacy



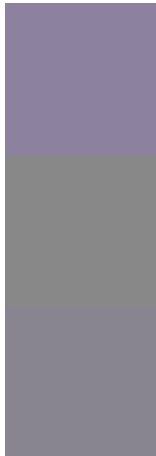
**Original Color**  
8C819E

**Protanomaly**  
84849F

**Deuteranomaly**  
89829E

**Tritanomaly**  
8A8394

# Monochromacy



**Original Color**  
8C819E

**Achromatopsia**  
888888

**Achromatomaly**  
898590

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C819E 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 #8C819E looks like.

```
.text, #text, p{  
    color:#8C819E  
}
```

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 #8C819E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C819E
}
```

## Border

The CSS property to change the border of an element to Hex 8C819E is called "border". The border property can be set on classes, ids or directly on the HTML element.

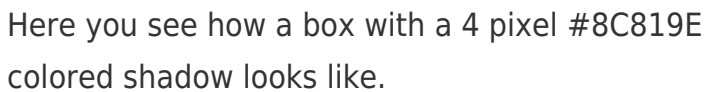
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C819E }
```

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

```
.border{ border-color:#8C819E }
```

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



Here you see how a box with a 4 pixel #8C819E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C819E; -webkit-box-shadow:4px 4px  
4px 4px #8C819E; box-shadow:4px 4px 4px  
4px #8C819E }
```

# Background

The CSS property to change the background color of an element to Hex 8C819E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C819E }
```

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

```
.background{ background-color:#8C819E }
```

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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