

# Converting Colors

Hex(82719C)

Have a look what the booklet for  
Hex(82719C) contains.

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# Color

**Hex(82719C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82719C
RGB	130, 113, 156
RGB Percent	51%, 44%, 61%
CMY	0.4902, 0.5569, 0.3882
CMYK	0.17, 0.28, 0.00, 0.39
HSL	264°, 18%, 53%
HSV	264°, 28%, 61%
XYZ	21.1118, 18.9564, 33.9987
YIQ	122.9850, -3.6710, 16.9770

# Conversions

## Conversions Part 2

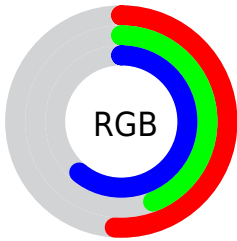
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 113, 156
Decimal	8548764
CIE <sub>Lab</sub>	50.64, 15.58, -20.79
CIE <sub>LCh</sub>	51, 25.985, 306.845
Yxy	18.9564, 0.2850, 0.2559
Android (android.graphics.Color)	4286738844 (0xFF82719C)
YUV	122.9850, 16.2764, 6.1522
Hunter-Lab	43.5389, 10.3606, -15.8212

# Details

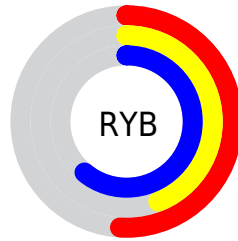
The Hex color **82719C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9C71**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B7A5D3**, and **504169** is the 20% darker color. If you saturate the color by 10%, you get **79619C**, and if you desaturate by 10%, it is **8B819C**.

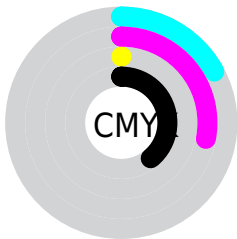
# Distribution



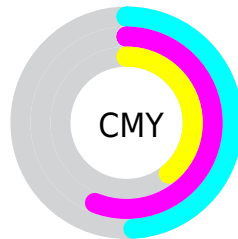
- Red (51%)
- Green (44%)
- Blue (61%)



- Red (51%)
- Yellow (44%)
- Blue (61%)



- Cyan (17%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (56%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82719C 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 82719C by changing the saturation by 10% instead.



■ 82719C

■ 82719C

FFFFFF

■ 695882

■ B7A5D3

■ 504169

■ D3C0EF

■ 382B50

■ F0DCFF

■ 221639

■ FFF8FF

■ 100024

■ 00000B

■ 000000

■ 82719C

■ 82719C

■ 79619C

■ 8B819C

6F529C

95909C

66429C

9EA09C

5C339C

A8AF9C

53239C

B1BF9C

49139C

BBCF9C

40049C

C4DE9C

3E009C

CDEE9C

D7FD9C

# Harmonies

## Analogous

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



6279A4



82719C



996A8A

# Triad

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



82719C



967150



36857D

# Complementary

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



82719C



8B9C71

# 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.



508366



82719C



83794C

# Square

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



82719C



A26B5F



6B7F54



2B8392

# Rectangle

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



82719C



A1687C



6B7F54



3F8475



# Sweetspot

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



82719C



C2BCCC



718C9C



605C66



E6E6E6



666666



# Same Dimension

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



82719C



A389CC



97719C



4A474F



38008F



06000F



# Inverse Universe

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



9C718B



CC89B1



769C71



4F474C



8F0056

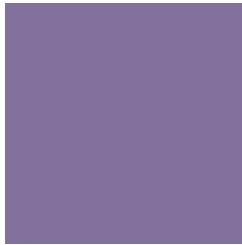


0F0009



# Previews

## White Background



This preview shows how the Hex color 82719C looks on a white background.

## Color Contrast Check

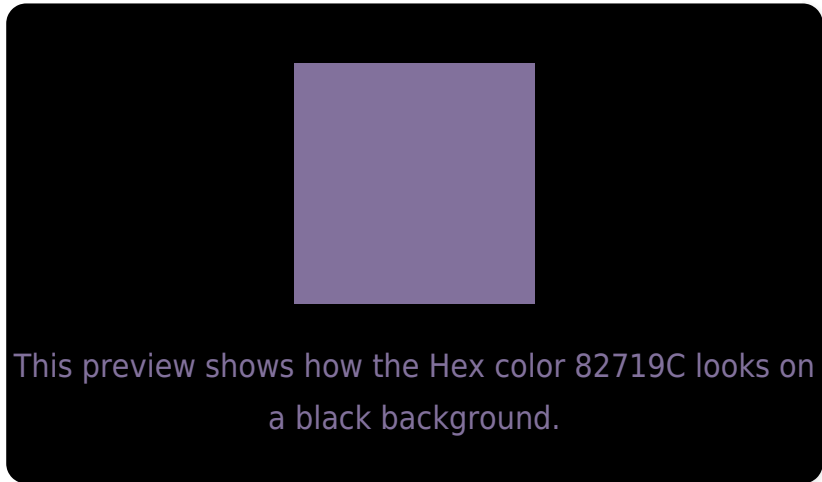
Large Text (above 18pt) WCAG AA ✓ Pass

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

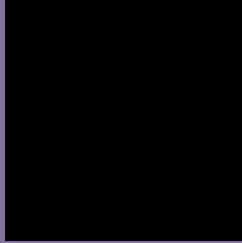
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 82719C Background



This preview shows how black text looks on a background with the Hex color 82719C.



This preview shows how white text looks on a background with the Hex color 82719C.

# 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**  
82719C

**Protanopia**  
6D77A1

**Deuteranopia**  
72769B



**Tritanopia**  
7D7680

# Trichromacy



**Original Color**  
82719C

**Protanomaly**  
75759F

**Deuteranomaly**  
78749B

**Tritanomaly**  
7F748A

# Monochromacy



**Original Color**  
82719C

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82719C 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 #82719C looks like.

```
.text, #text, p{  
    color:#82719C  
}
```

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 #82719C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82719C
}
```

## Border

The CSS property to change the border of an element to Hex 82719C is called "border". The border property can be set on classes, ids or directly on the HTML element.

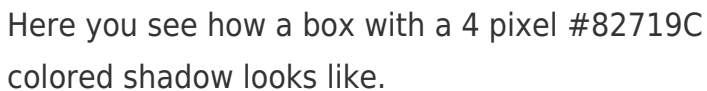
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82719C }
```

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

```
.border{ border-color:#82719C }
```

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



Here you see how a box with a 4 pixel #82719C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82719C; -webkit-box-shadow:4px 4px  
4px 4px #82719C; box-shadow:4px 4px 4px  
4px #82719C }
```

# Background

The CSS property to change the background color of an element to Hex 82719C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82719C }
```

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

```
.background{ background-color:#82719C }
```

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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