

# Converting Colors

Hex(8C729A)

Have a look what the booklet for  
Hex(8C729A) contains.

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**Color**

**Hex(8C729A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C729A
RGB	140, 114, 154
RGB Percent	55%, 45%, 60%
CMY	0.4510, 0.5529, 0.3961
CMYK	0.09, 0.26, 0.00, 0.40
HSL	279°, 17%, 53%
HSV	279°, 26%, 60%
XYZ	22.6653, 19.9432, 33.2267
YIQ	126.3340, 2.6560, 17.9520

# Conversions

## Conversions Part 2

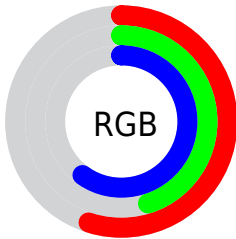
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 114, 154
Decimal	9204378
CIE <sub>Lab</sub>	51.77, 17.93, -17.80
CIE <sub>LCh</sub>	52, 25.268, 315.215
Y <sub>xy</sub>	19.9432, 0.2989, 0.2630
Android (android.graphics.Color)	4287394458 (0xFF8C729A)
YUV	126.3340, 13.6393, 11.9851
Hunter-Lab	44.6578, 12.4434, -12.8530

# Details

The Hex color **8C729A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **809A72**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C2A6D0**, and **594267** is the 20% darker color. If you saturate the color by 10%, you get **87639A**, and if you desaturate by 10%, it is **91819A**.

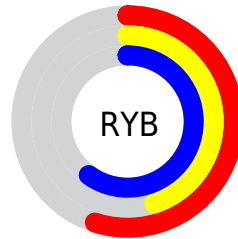
# Distribution



Red (55%)

Green (45%)

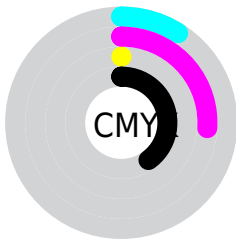
Blue (60%)



Red (55%)

Yellow (45%)

Blue (60%)

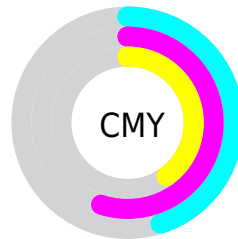


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (55%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C729A 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 8C729A by changing the saturation by 10% instead.



8C729A

8C729A

FFFFFF

725980

C2A6D0

594267

DEC1ED

422B4F

FBDDFF

2B1638

FFFAFF

190022

000009

000000

8C729A

8C729A

87639A

91819A

81539A

97919A

7C449A

9CA09A

76349A

A2B09A

71259A

A7BF9A

6C169A

ACCE9A

66069A

B2DE9A

64009A

B7ED9A

BDFD9A

# Harmonies

## Analogous

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



6F7AA5



8C729A



9F6C87

# Triad

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



8C729A



947652



378786

# Complementary

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



8C729A



809A72

# 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.



4D8770



8C729A



7F7E51

# Square

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



8C729A



A26F5E



67835C



358599

# Rectangle

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



8C729A



A56B78



67835C



3E877F



# Sweetspot

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



8C729A



C4B9C9



72809A



625C66



E6E6E6



666666



# Same Dimension

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



8C729A



B48BC9



9A7294



4A454D



5B008C



08000D



# Inverse Universe

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



9A7280



C98BA1



729A78



4D4548



8C0031

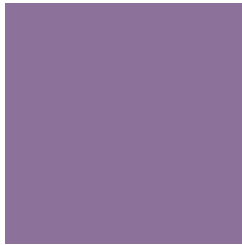


0D0004



# Previews

## White Background



This preview shows how the Hex color 8C729A looks on a white background.

## Color Contrast Check

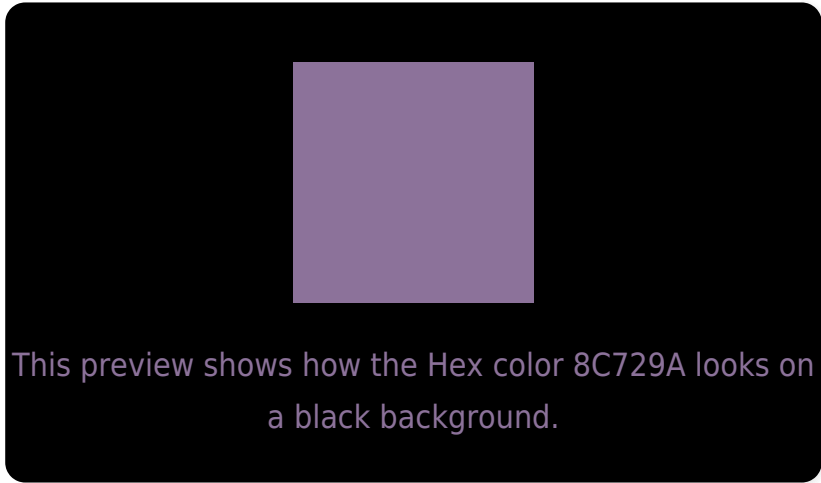
Large Text (above 18pt) WCAG AA ✓ Pass

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

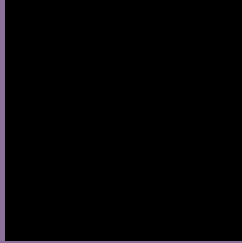
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C729A Background



This preview shows how black text looks on a background with the Hex color 8C729A.

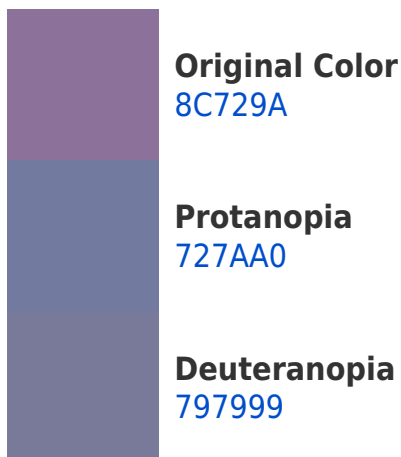


This preview shows how white text looks on a background with the Hex color 8C729A.

# 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





**Tritanopia**  
887780

# Trichromacy



**Original Color**  
8C729A

**Protanomaly**  
7B779E

**Deuteranomaly**  
807699

**Tritanomaly**  
897589

# Monochromacy



**Original Color**  
8C729A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
837A88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C729A 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 #8C729A looks like.

```
.text, #text, p{  
    color:#8C729A  
}
```

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 #8C729A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C729A
}
```

## Border

The CSS property to change the border of an element to Hex 8C729A is called "border". The border property can be set on classes, ids or directly on the HTML element.

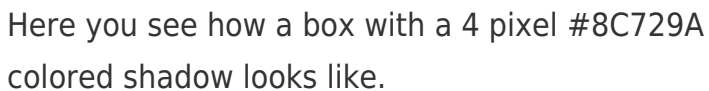
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C729A }
```

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

```
.border{ border-color:#8C729A }
```

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



Here you see how a box with a 4 pixel #8C729A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C729A; -webkit-box-shadow:4px 4px  
4px 4px #8C729A; box-shadow:4px 4px 4px  
4px #8C729A }
```

# Background

The CSS property to change the background color of an element to Hex 8C729A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C729A }
```

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

```
.background{ background-color:#8C729A }
```

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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