

# Converting Colors

Hex(8A699B)

Have a look what the booklet for  
Hex(8A699B) contains.

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# Color

**Hex(8A699B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A699B
RGB	138, 105, 155
RGB Percent	54%, 41%, 61%
CMY	0.4588, 0.5882, 0.3922
CMYK	0.11, 0.32, 0.00, 0.39
HSL	280°, 20%, 51%
HSV	280°, 32%, 61%
XYZ	21.4492, 17.8730, 33.3297
YIQ	120.5670, 3.6180, 22.5460

# Conversions

## Conversions Part 2

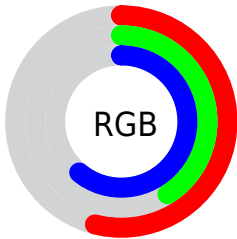
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 105, 155
Decimal	9071003
CIE <sub>Lab</sub>	49.34, 22.77, -22.13
CIE <sub>LCh</sub>	49, 31.750, 315.811
Yxy	17.8730, 0.2952, 0.2460
Android (android.graphics.Color)	4287261083 (0xFF8A699B)
YUV	120.5670, 16.9755, 15.2887
Hunter-Lab	42.2764, 16.5792, -17.1492

# Details

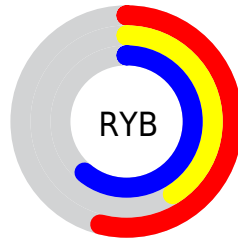
The Hex color **8A699B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7A9B69**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C09DD2**, and **573968** is the 20% darker color. If you saturate the color by 10%, you get **855A9B**, and if you desaturate by 10%, it is **8F799B**.

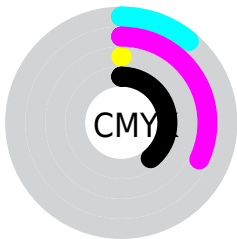
# Distribution



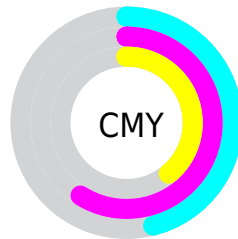
- Red (54%)
- Green (41%)
- Blue (61%)



- Red (54%)
- Yellow (41%)
- Blue (61%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (59%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A699B 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 8A699B by changing the saturation by 10% instead.



8A699B

8A699B

FFFFFF

705181

C09DD2

573968

DCB8EE

3F234F

F9D3FF

280E38

FFF0FF

160023

000009

000000

8A699B

8A699B

855A9B

8F799B

 7F4A9B

 95889B

 7A3B9B

 9A989B

 752B9B

 9FA79B

 701C9B

 A4B79B

 6A0C9B

 AAC69B

 66009B

 AFD59B

 B4E59B

 B9F49B

# Harmonies

## Analogous

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



6473A9



8A699B



A16183

# Triad

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



8A699B



926F41



008383

# Complementary

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



8A699B



7A9B69

# 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.



358367



8A699B



787840

# Square

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



8A699B



A36650



5A7F4F



00819B

# Rectangle

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



8A699B



A86071



5A7F4F



0F847A



# Sweetspot

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



8A699B



C3B5C9



697B9B



625A66



E6E6E6



666666



# Same Dimension

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



8A699B



AF7BC9



9B6994



4A454D



5D008C



08000D



# Inverse Universe

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



9B697A



C97B96



699B71



4D4547



8C0030

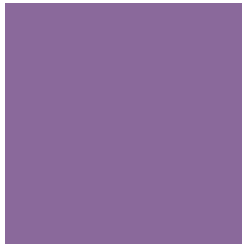


0D0004



# Previews

## White Background



This preview shows how the Hex color 8A699B looks on a white background.

## Color Contrast Check

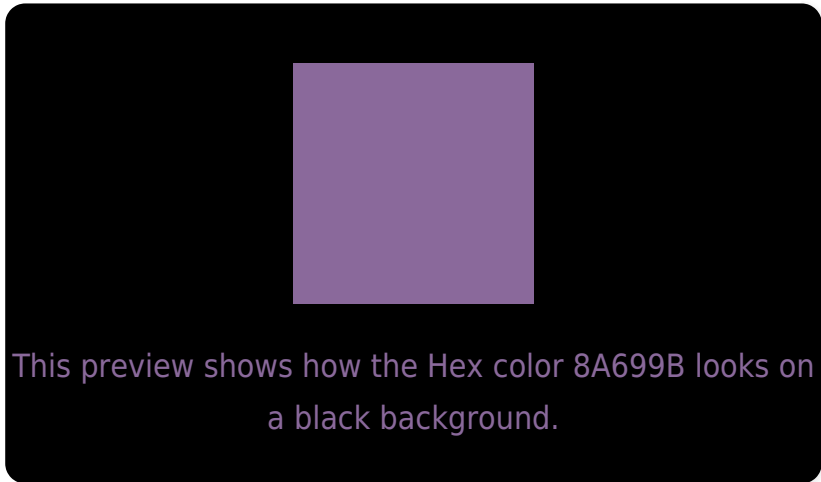
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

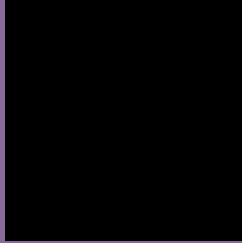
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A699B Background



This preview shows how black text looks on a background with the Hex color 8A699B.

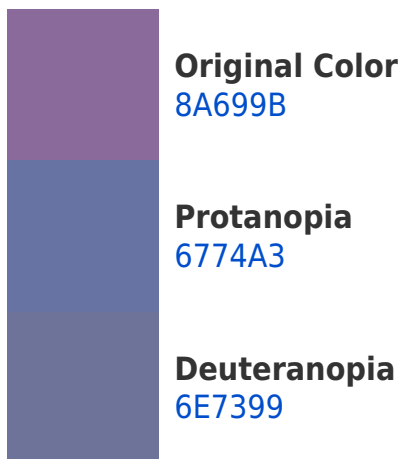


This preview shows how white text looks on a background with the Hex color 8A699B.

# 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**  
857079

# Trichromacy



**Original Color**  
8A699B

**Protanomaly**  
7470A0

**Deuteranomaly**  
786F9A

**Tritanomaly**  
876D85

# Monochromacy



**Original Color**  
8A699B

**Achromatopsia**  
797979

**Achromatomaly**  
7F7385

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A699B 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 #8A699B looks like.

```
.text, #text, p{  
    color:#8A699B  
}
```

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 #8A699B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A699B
}
```

## Border

The CSS property to change the border of an element to Hex 8A699B is called "border". The border property can be set on classes, ids or directly on the HTML element.

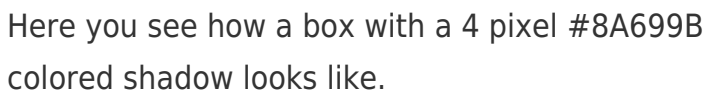
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A699B }
```

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

```
.border{ border-color:#8A699B }
```

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



Here you see how a box with a 4 pixel #8A699B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A699B; -webkit-box-shadow:4px 4px  
4px 4px #8A699B; box-shadow:4px 4px 4px  
4px #8A699B }
```

# Background

The CSS property to change the background color of an element to Hex 8A699B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A699B }
```

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

```
.background{ background-color:#8A699B }
```

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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