

# Converting Colors

Hex(8B8A9A)

Have a look what the booklet for  
Hex(8B8A9A) contains.

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# Color

**Hex(8B8A9A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8B8A9A                    |
| RGB           | 139, 138, 154             |
| RGB Percent   | 55%, 54%, 60%             |
| CMY           | 0.4549, 0.4588, 0.3961    |
| CMYK          | 0.10, 0.10, 0.00, 0.40    |
| HSL           | 244°, 7%, 57%             |
| HSV           | 244°, 10%, 60%            |
| XYZ           | 25.5687, 25.9990, 34.2425 |
| YIQ           | 140.1230, -4.5400, 5.1880 |

# Conversions

## Conversions Part 2

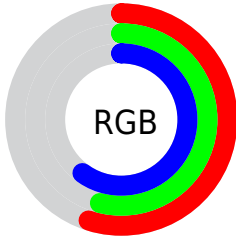
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>Y</sub>B</b>               | 139, 138, 154                |
| Decimal                             | 9144986                      |
| CIE Lab                             | 58.04, 3.65, -8.36           |
| CIE LCh                             | 58, 9.121, 293.580           |
| Yxy                                 | 25.9990, 0.2980,<br>0.3030   |
| Android<br>(android.graphics.Color) | 4287335066<br>(0xFF8B8A9A)   |
| YUV                                 | 140.1230, 6.8414,<br>-0.9849 |
| Hunter-Lab                          | 50.9892, 0.2781,<br>-4.1246  |

# Details

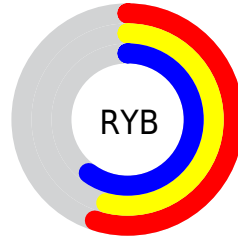
The Hex color **8B8A9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **999A8A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C1BFD0**, and **595867** is the 20% darker color. If you saturate the color by 10%, you get **7D7B9A**, and if you desaturate by 10%, it is **99999A**.

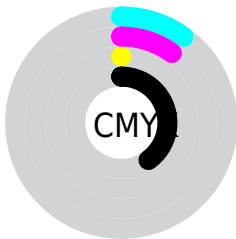
# Distribution



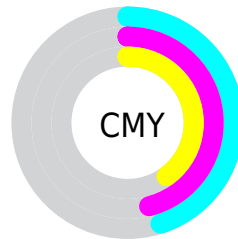
- Red (55%)
- Green (54%)
- Blue (60%)



- Red (55%)
- Yellow (54%)
- Blue (60%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8A9A 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 8B8A9A by changing the saturation by 10% instead.





8B8A9A



8B8A9A

FFFFFF



717180



C1BFD0



595867



DCDBED



42414F



F9F8FF



2B2B38



171723



00000C



000000



8B8A9A



8B8A9A



7D7B9A



99999A

6E6B9A

A8A99A

605C9A

B6B89A

514C9A

C5C89A

433D9A

D3D79A

342E9A

E2E69A

261E9A

F0F69A

170F9A

FFFF9A

0A009A

# Harmonies

## Analogous

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



818D9B



8B8A9A



948895

# Triad

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



8B8A9A



9A887F



7B9089

# Complementary

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



8B8A9A



999A8A

# 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.



828F82



8B8A9A



948A7C

# Square

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



8B8A9A



9D8685



8B8D7D



789092

# Rectangle

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



8B8A9A



998790



8B8D7D



7D9087



# Sweetspot

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



8B8A9A



C4C3C9



8A999A



626266



E6E6E6



666666



# Same Dimension

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



8B8A9A



B3B1C9



938A9A



45454D



09008C



01000D



# Inverse Universe

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



9A8A99



C9B1C8



919A8A



4D454C



8C0083



0D000C



# Previews

## White Background



This preview shows how the Hex color 8B8A9A looks on a white background.

## Color Contrast Check

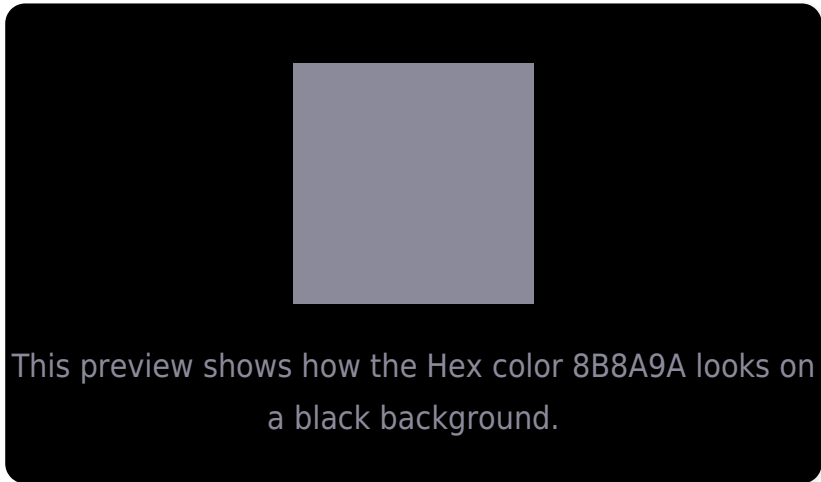
Large Text (above 18pt) WCAG AA ✓ Pass

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

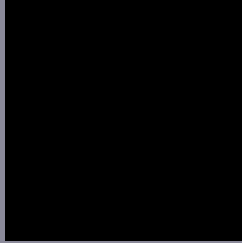
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

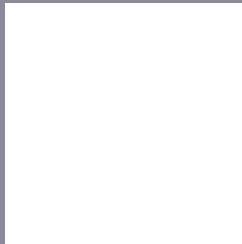
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B8A9A Background



This preview shows how black text looks on a background with the Hex color 8B8A9A.



This preview shows how white text looks on a background with the Hex color 8B8A9A.

# 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**  
8B8A9A

**Protanopia**  
8A8A9A

**Deuteranopia**  
92889A



**Tritanopia**  
8A8B96

# Trichromacy



**Original Color**

8B8A9A

**Protanomaly**

8A8A9A

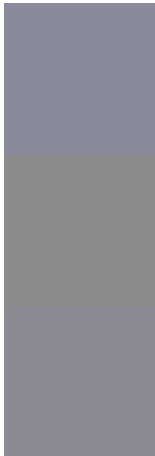
**Deuteranomaly**

8F899A

**Tritanomaly**

8A8B97

# Monochromacy



**Original Color**

8B8A9A

**Achromatopsia**

8C8C8C

**Achromatomaly**

8C8B91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8A9A 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 #8B8A9A looks like.

```
.text, #text, p{  
    color:#8B8A9A  
}
```

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 #8B8A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8A9A
}
```

## Border

The CSS property to change the border of an element to Hex 8B8A9A 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
#8B8A9A }
```

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

```
.border{ border-color:#8B8A9A }
```

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

Here you see how a box with a 4 pixel #8B8A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8A9A; -webkit-box-shadow:4px 4px  
4px 4px #8B8A9A; box-shadow:4px 4px 4px  
4px #8B8A9A }
```

# Background

The CSS property to change the background color of an element to Hex 8B8A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8A9A }
```

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

```
.background{ background-color:#8B8A9A }
```

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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