

# Converting Colors

Hex(8A8998)

Have a look what the booklet for  
Hex(8A8998) contains.

<b>Hex(8A8998)</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(8A8998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A8998
RGB	138, 137, 152
RGB Percent	54%, 54%, 60%
CMY	0.4588, 0.4627, 0.4039
CMYK	0.09, 0.10, 0.00, 0.40
HSL	244°, 7%, 57%
HSV	244°, 10%, 60%
XYZ	25.0944, 25.5616, 33.3170
YIQ	139.0090, -4.2190, 4.8770

# Conversions

## Conversions Part 2

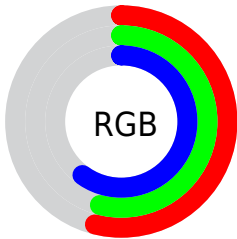
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 137, 152
Decimal	9079192
CIE <sub>Lab</sub>	57.62, 3.44, -7.84
CIE <sub>LCh</sub>	58, 8.565, 293.685
Yxy	25.5616, 0.2988, 0.3044
Android (android.graphics.Color)	4287269272 (0xFF8A8998)
YUV	139.0090, 6.4046, -0.8849
Hunter-Lab	50.5585, 0.1201, -3.6800

# Details

The Hex color **8A8998** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **979889**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BFBECE**, and **585765** is the 20% darker color. If you saturate the color by 10%, you get **7C7A98**, and if you desaturate by 10%, it is **989898**.

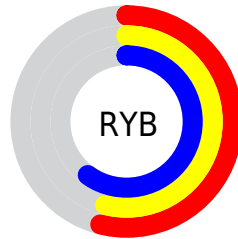
# Distribution



Red (54%)

Green (54%)

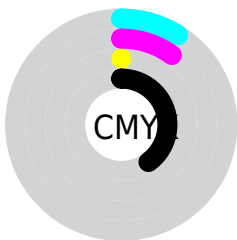
Blue (60%)



Red (54%)

Yellow (54%)

Blue (60%)

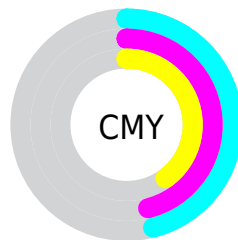


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (46%)

Magenta (46%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8998 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 8A8998 by changing the saturation by 10% instead.



■ 8A8998

■ 8A8998

FFFFFF

■ 71707E

■ BFBECE

■ 585765

■ DBDAEA

■ 41404D

■ F8F7FF

■ 2B2A36

■ 161621

■ 000009

■ 000000

■ 8A8998

■ 8A8998

■ 7C7A98

■ 989898

6E6B98

A6A798

5F5B98

B5B798

514C98

C3C698

433D98

D1D598

352E98

DFE498

271F98

EDF398

190F98

FBFF98

0A0098

FFFF98

# Harmonies

## Analogous

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



818B99



8A8998



938793

# Triad

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



8A8998



98877F



7B8F88

# Complementary

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



8A8998



979889

# 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.



818E81



8A8998



92897C

# Square

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



8A8998



9B8685



8A8C7D



788F90

# Rectangle

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



8A8998



97868F



8A8C7D



7D8F86



# Sweetspot

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



8A8998



BFBEC4



899798



605F63



E3E3E3



636363



# Same Dimension

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



8A8998



AEADC4



928998



45454D



09008C



01000D



# Inverse Universe

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



988997



C4ADC3



909889



4D454C



8C0083



0D000C



# Previews

## White Background



This preview shows how the Hex color 8A8998 looks on a white background.

## Color Contrast Check

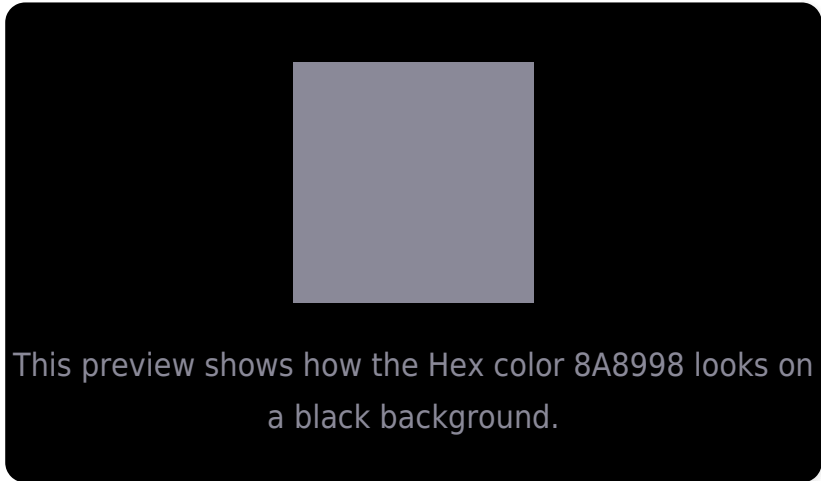
Large Text (above 18pt) WCAG AA ✓ Pass

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

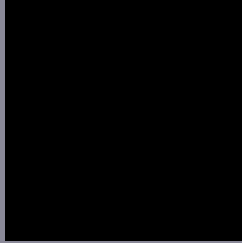
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

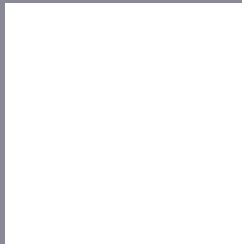
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A8998 Background



This preview shows how black text looks on a background with the Hex color 8A8998.

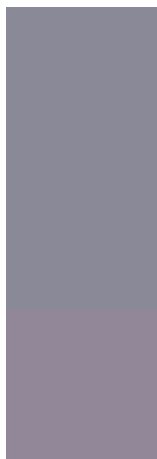


This preview shows how white text looks on a background with the Hex color 8A8998.

# 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**

8A8998

**Protanopia**

898998

**Deuteranopia**

918798



**Tritanopia**  
898A94

# Trichromacy



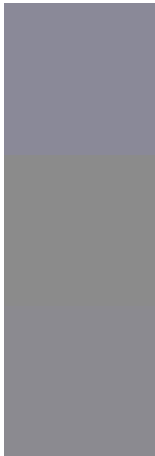
**Original Color**  
8A8998

**Protanomaly**  
898998

**Deuteranomaly**  
8E8898

**Tritanomaly**  
898A95

# Monochromacy



**Original Color**  
8A8998

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8B8A90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8998 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 #8A8998 looks like.

```
.text, #text, p{  
    color:#8A8998  
}
```

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 #8A8998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8998
}
```

## Border

The CSS property to change the border of an element to Hex 8A8998 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
#8A8998 }
```

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

```
.border{ border-color:#8A8998 }
```

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

Here you see how a box with a 4 pixel #8A8998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8998; -webkit-box-shadow:4px 4px  
4px 4px #8A8998; box-shadow:4px 4px 4px  
4px #8A8998 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8998 }
```

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

```
.background{ background-color:#8A8998 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor