

# Converting Colors

Hex(868A8B)

Have a look what the booklet for  
Hex(868A8B) contains.

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# Color

**Hex(868A8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868A8B
RGB	134, 138, 139
RGB Percent	53%, 54%, 55%
CMY	0.4745, 0.4588, 0.4549
CMYK	0.04, 0.01, 0.00, 0.45
HSL	192°, 2%, 54%
HSV	192°, 4%, 55%
XYZ	23.5802, 25.1094, 28.0299
YIQ	136.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

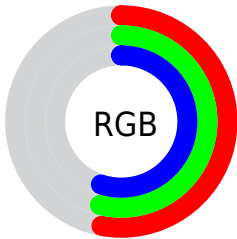
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 136, 139
Decimal	8817291
CIELab	57.18, -1.26, -1.05
CIELCh	57, 1.644, 219.813
Yxy	25.1094, 0.3074, 0.3273
Android (android.graphics.Color)	4287007371 (0xFF868A8B)
YUV	136.9180, 1.0264, -2.5591
Hunter-Lab	50.1093, -3.6934, 1.9111

# Details

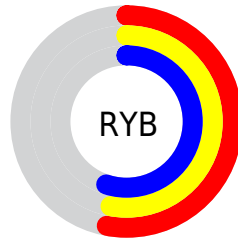
The Hex color **868A8B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8786**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BBBFC0**, and **545859** is the 20% darker color. If you saturate the color by 10%, you get **78878B**, and if you desaturate by 10%, it is **948D8B**.

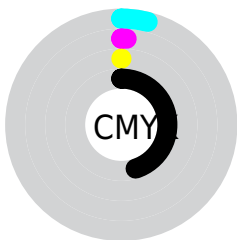
# Distribution



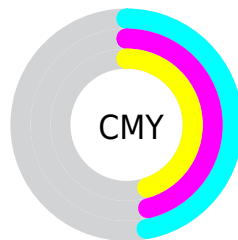
- Red (53%)
- Green (54%)
- Blue (55%)



- Red (53%)
- Yellow (53%)
- Blue (55%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (46%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868A8B 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 868A8B by changing the saturation by 10% instead.





868A8B



868A8B

FFFFFF



6D7172



BBBFC0



545859



D7DBDC



3D4142



F3F8F9



282B2C



131617



000000



868A8B



868A8B



78878B



948D8B



6A848B



A2908B

5C828B

B0928B

4E7F8B

BE958B

417C8B

CC988B

33798B

D99B8B

25778B

E79D8B

17748B

F5A08B

09718B

FFA38B

# Harmonies

## Analogous

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



868A8A



868A8B



878A8C

# Triad

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



868A8B



8C888A



8A8986

# Complementary

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



868A8B



8B8786

# 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.



8C8987



868A8B



8C8889

# Square

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



868A8B



8A898B



8C8887



888A87

# Rectangle

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



868A8B



88898C



8C8887



8B8986



# Sweetspot

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



868A8B



B3B5B5



868B87



5B5C5C



DBDBDB



5C5C5C



# Same Dimension

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



868A8B



AEB4B5



86888B



414445



006A85



000405



# Inverse Universe

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



8B868A



B5AEB4



8B8A86



454144



85006A



050004



# Previews

## White Background



This preview shows how the Hex color 868A8B looks on a white background.

## Color Contrast Check

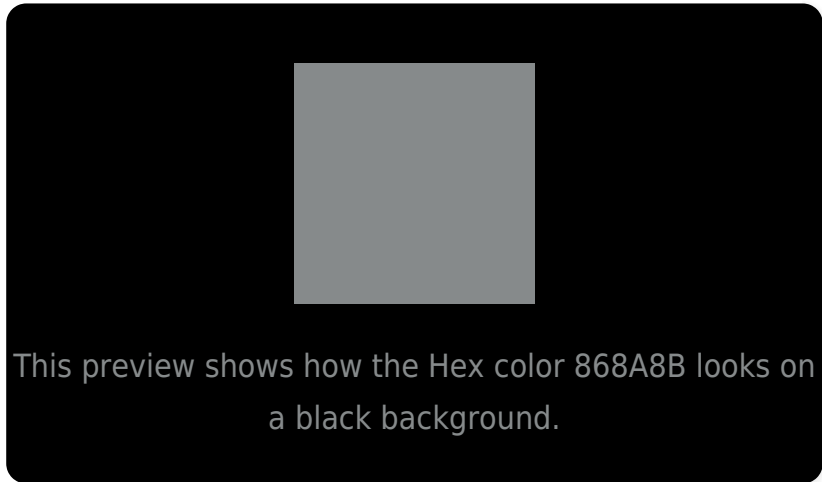
Large Text (above 18pt) WCAG AA ✓ Pass

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

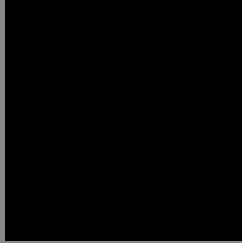
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

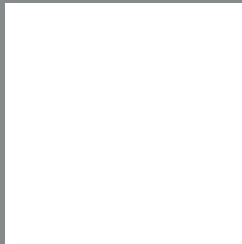
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868A8B Background



This preview shows how black text looks on a background with the Hex color 868A8B.



This preview shows how white text looks on a background with the Hex color 868A8B.

# 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**

868A8B

**Protanopia**

8B888A

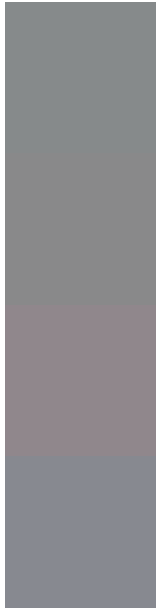
**Deuteranopia**

95858C



**Tritanopia**  
878993

# Trichromacy



**Original Color**  
868A8B

**Protanomaly**  
89898A

**Deuteranomaly**  
90878C

**Tritanomaly**  
878990

# Monochromacy



**Original Color**  
868A8B

**Achromatopsia**  
898989

**Achromatomaly**  
88898A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868A8B 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 #868A8B looks like.

```
.text, #text, p{  
    color:#868A8B  
}
```

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 #868A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868A8B
}
```

## Border

The CSS property to change the border of an element to Hex 868A8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

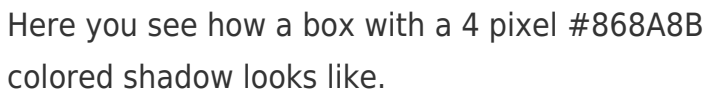
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#868A8B }
```

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

```
.border{ border-color:#868A8B }
```

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



Here you see how a box with a 4 pixel #868A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868A8B; -webkit-box-shadow:4px 4px  
4px 4px #868A8B; box-shadow:4px 4px 4px  
4px #868A8B }
```

# Background

The CSS property to change the background color of an element to Hex 868A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868A8B }
```

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

```
.background{ background-color:#868A8B }
```

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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