

# Converting Colors

Hex(868E9B)

Have a look what the booklet for  
Hex(868E9B) contains.

<b>Hex(868E9B)</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(868E9B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868E9B
RGB	134, 142, 155
RGB Percent	53%, 56%, 61%
CMY	0.4745, 0.4431, 0.3922
CMYK	0.14, 0.08, 0.00, 0.39
HSL	217°, 10%, 57%
HSV	217°, 14%, 61%
XYZ	25.4209, 26.7809, 34.8397
YIQ	141.0900, -8.9410, 2.3470

# Conversions

## Conversions Part 2

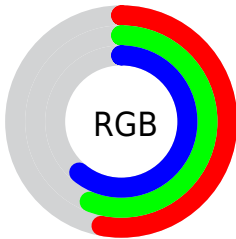
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	134, 140, 155
Decimal	8818331
CIE <sub>Lab</sub>	58.77, -0.14, -7.88
CIE <sub>LCh</sub>	59, 7.880, 268.971
Yxy	26.7809, 0.2921, 0.3077
Android (android.graphics.Color)	4287008411 (0xFF868E9B)
YUV	141.0900, 6.8576, -6.2179
Hunter-Lab	51.7503, -2.8797, -3.6905

# Details

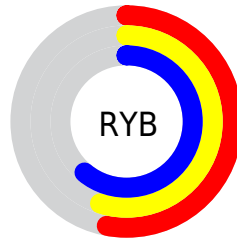
The Hex color **868E9B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9B9386**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BBC4D1**, and **545C68** is the 20% darker color. If you saturate the color by 10%, you get **77849B**, and if you desaturate by 10%, it is **96989B**.

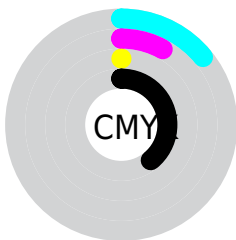
# Distribution



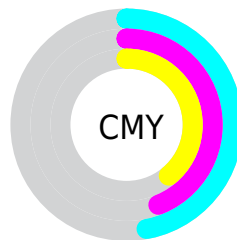
- Red (53%)
- Green (56%)
- Blue (61%)



- Red (53%)
- Yellow (55%)
- Blue (61%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868E9B 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 868E9B by changing the saturation by 10% instead.





868E9B



868E9B

FFFFFF



6D7481



BBC4D1



545C68



D7E0EE



3D4450



F4FCFF



272E39



121A23



00010E



000000



868E9B



868E9B



77849B



96989B

677B9B

A5A19B

58719B

B4AB9B

48689B

C4B49B

395E9B

D4BE9B

29549B

E3C89B

1A4B9B

F2D19B

0A419B

FFDB9B

003B9B

FFE49B

# Harmonies

## Analogous

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



7F9099



868E9B



8F8C99

# Triad

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



868E9B



9C8987



849186

# Complementary

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



868E9B



9B9386

# 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.



8C8F81



868E9B



9A8B82

# Square

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



868E9B



9B898E



948D80



7E928D

# Rectangle

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



868E9B



948A96



948D80



869084



# Sweetspot

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



868E9B



C1C4C9



869B93



616366



E6E6E6



666666



# Same Dimension

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



868E9B



A9B5C9



88869B



45484D



00358C



00050D



# Inverse Universe

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



9B868E



C9A9B5



999B86



4D4548



8C0035

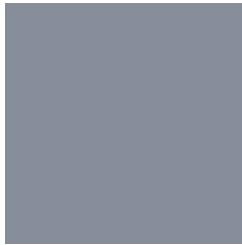


0D0005



# Previews

## White Background



This preview shows how the Hex color 868E9B looks on a white background.

## Color Contrast Check

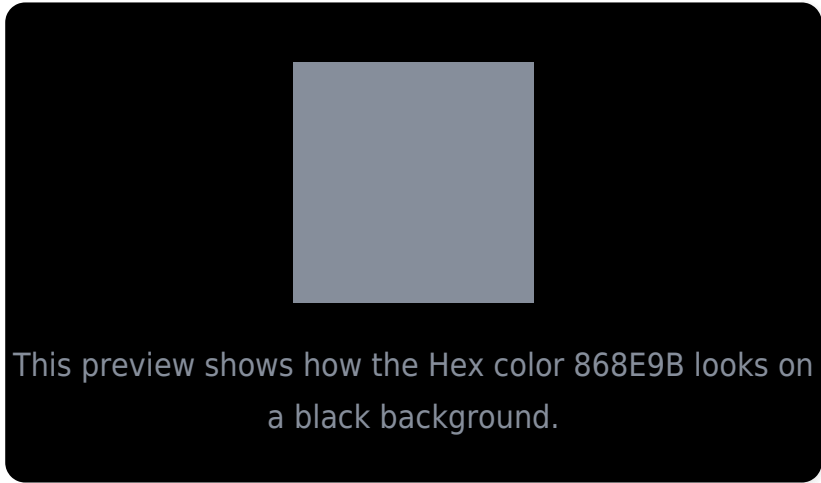
Large Text (above 18pt) WCAG AA ✓ Pass

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

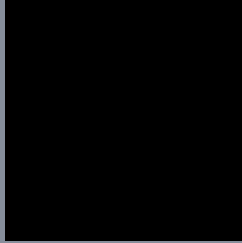
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

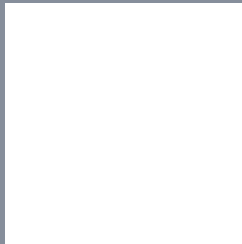
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868E9B Background



This preview shows how black text looks on a background with the Hex color 868E9B.

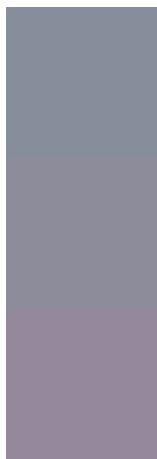


This preview shows how white text looks on a background with the Hex color 868E9B.

# 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**

868E9B

**Protanopia**

8C8C9A

**Deuteranopia**

94899C



**Tritanopia**  
868E9A

# Trichromacy



**Original Color**  
868E9B

**Protanomaly**  
8A8D9A

**Deuteranomaly**  
8F8B9C

**Tritanomaly**  
868E9A

# Monochromacy



**Original Color**  
868E9B

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
8A8D92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868E9B 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 #868E9B looks like.

```
.text, #text, p{  
    color:#868E9B  
}
```

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 #868E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868E9B
}
```

## Border

The CSS property to change the border of an element to Hex 868E9B 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
#868E9B }
```

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

```
.border{ border-color:#868E9B }
```

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

Here you see how a box with a 4 pixel #868E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868E9B; -webkit-box-shadow:4px 4px  
4px 4px #868E9B; box-shadow:4px 4px 4px  
4px #868E9B }
```

# Background

The CSS property to change the background color of an element to Hex 868E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868E9B }
```

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

```
.background{ background-color:#868E9B }
```

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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