

# Converting Colors

Hex(828E9A)

Have a look what the booklet for  
Hex(828E9A) contains.

<b>Hex(828E9A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(828E9A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828E9A
RGB	130, 142, 154
RGB Percent	51%, 56%, 60%
CMY	0.4902, 0.4431, 0.3961
CMYK	0.16, 0.08, 0.00, 0.40
HSL	210°, 11%, 56%
HSV	210°, 16%, 60%
XYZ	24.7117, 26.4249, 34.3699
YIQ	139.7800, -11.0040, 1.1880

# Conversions

## Conversions Part 2

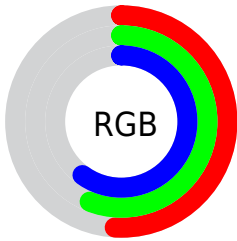
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 138, 154
Decimal	8556186
CIE Lab	58.44, -1.73, -7.83
CIE LCh	58, 8.024, 257.538
Yxy	26.4249, 0.2890, 0.3090
Android (android.graphics.Color)	4286746266 (0xFF828E9A)
YUV	139.7800, 7.0105, -8.5771
Hunter-Lab	51.4052, -4.1500, -3.6582

# Details

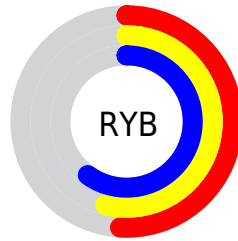
The Hex color **828E9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8E82**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B7C4D0**, and **505C67** is the 20% darker color. If you saturate the color by 10%, you get **73869A**, and if you desaturate by 10%, it is **91969A**.

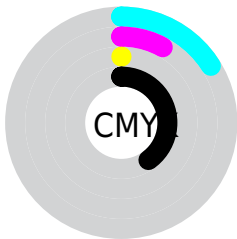
# Distribution



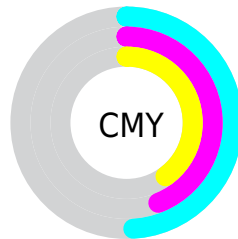
- Red (51%)
- Green (56%)
- Blue (60%)



- Red (51%)
- Yellow (54%)
- Blue (60%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828E9A 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 828E9A by changing the saturation by 10% instead.





828E9A



828E9A

FFFFFF



697480



B7C4D0



505C67



D3E0ED



39444F



EFFCFF



232E38



0E1A23



00000C



000000



828E9A



828E9A



73869A



91969A

637F9A

A19D9A

54779A

B0A59A

446F9A

C0AD9A

35689A

CFB49A

26609A

DEBC9A

16589A

EEC49A

07509A

FDCC9A

004D9A

FFD39A

# Harmonies

## Analogous

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



7C9097



828E9A



8A8C9A

# Triad

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



828E9A



9C8889



868F83

# Complementary

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



828E9A



9A8E82

# 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.



8E8D7F



828E9A



9A8982

# Square

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



828E9A



998890



958B7F



7F9189

# Rectangle

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



828E9A



908A98



958B7F



888F81



# Sweetspot

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



828E9A



BFC4C9



829A8E



606366



E6E6E6



666666



# Same Dimension

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



828E9A



A3B6C9



82829A



45494D



00468C



00060D



# Inverse Universe

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



9A828E



C9A3B6



9A9A82



4D4549



8C0046

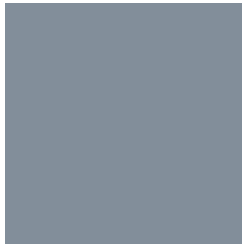


0D0006



# Previews

## White Background



This preview shows how the Hex color 828E9A looks on a white background.

## Color Contrast Check

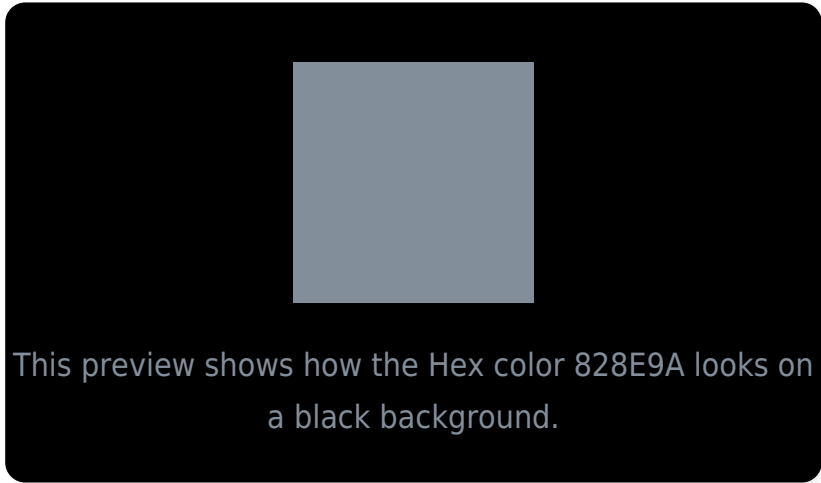
Large Text (above 18pt) WCAG AA ✓ Pass

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

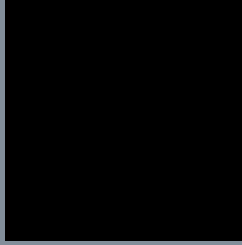
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

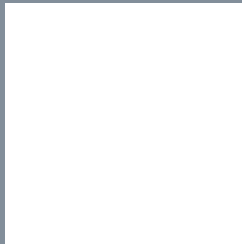
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828E9A Background



This preview shows how black text looks on a background with the Hex color 828E9A.

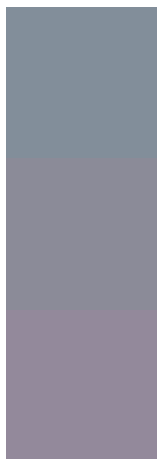


This preview shows how white text looks on a background with the Hex color 828E9A.

# 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**

828E9A

**Protanopia**

8B8B98

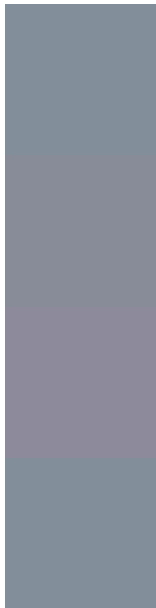
**Deuteranopia**

93899B



**Tritanopia**  
828E99

# Trichromacy



**Original Color**  
828E9A

**Protanomaly**  
888C99

**Deuteranomaly**  
8D8B9B

**Tritanomaly**  
828E99

# Monochromacy



**Original Color**  
828E9A

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
888D91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828E9A 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 #828E9A looks like.

```
.text, #text, p{  
    color:#828E9A  
}
```

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 #828E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828E9A
}
```

## Border

The CSS property to change the border of an element to Hex 828E9A 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
#828E9A }
```

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

```
.border{ border-color:#828E9A }
```

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

Here you see how a box with a 4 pixel #828E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828E9A; -webkit-box-shadow:4px 4px  
4px 4px #828E9A; box-shadow:4px 4px 4px  
4px #828E9A }
```

# Background

The CSS property to change the background color of an element to Hex 828E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828E9A }
```

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

```
.background{ background-color:#828E9A }
```

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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