

# Converting Colors

Hex(879EAE)

Have a look what the booklet for  
Hex(879EAE) contains.

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# **Color**

**Hex(879EAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879EAE
RGB	135, 158, 174
RGB Percent	53%, 62%, 68%
CMY	0.4706, 0.3804, 0.3176
CMYK	0.22, 0.09, 0.00, 0.32
HSL	205°, 19%, 61%
HSV	205°, 22%, 68%
XYZ	29.8585, 32.6606, 44.7748
YIQ	152.9470, -18.8440, 0.1000

# Conversions

## Conversions Part 2

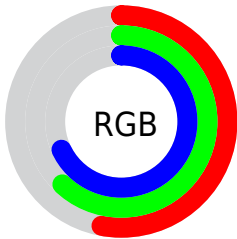
Format	Color
R <sub>Y</sub> B	135, 149, 174
Decimal	8887982
CIE Lab	63.89, -4.44, -10.99
CIE LCh	64, 11.855, 248.024
Yxy	32.6606, 0.2783, 0.3044
Android (android.graphics.Color)	4287078062 (0xFF879EAE)
YUV	152.9470, 10.3791, -15.7395
Hunter-Lab	57.1495, -6.7518, -6.4472

# Details

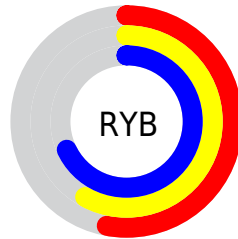
The Hex color **879EAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AE9787**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BDD5E5**, and **546B7A** is the 20% darker color. If you saturate the color by 10%, you get **7697AE**, and if you desaturate by 10%, it is **98A5AE**.

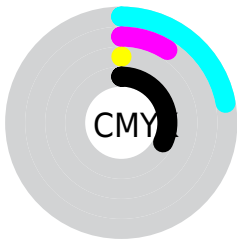
# Distribution



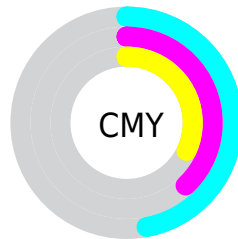
- Red (53%)
- Green (62%)
- Blue (68%)



- Red (53%)
- Yellow (58%)
- Blue (68%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (47%)
- Magenta (38%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879EAE 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 879EAE by changing the saturation by 10% instead.





879EAE



879EAE

FFFFFF



6D8493



BDD5E5



546B7A



D9F1FF



3C5361



F5FFFF



253C49



0E2632



00111E



000001



000000



879EAE



879EAE

7697AE

98A5AE

6490AE

AAACAE

5389AE

BBB3AE

4181AE

CDBBAE

307AAE

DEC2AE

1F73AE

EFC9AE

0D6CAE

FFD0AE

0067AE

FFD7AE

FFDEAE

# Harmonies

## Analogous

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



80A0A7



879EAE



939BAF

# Triad

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



879EAE



B19498



949E8A

# Complementary

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



879EAE



AE9787

# 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.



A09B86



879EAE



B1958E

# Square

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



879EAE



AB95A3



AB9787



89A093

# Rectangle

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



879EAE



9C98AD



AB9787



989D88



# Sweetspot

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



879EAE



D3DCE3



87AE97



6A6F73



F2F2F2



737373



# Same Dimension

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



879EAE



A6CAE3



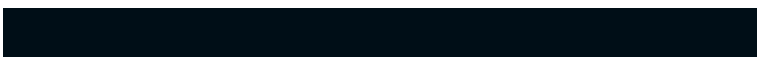
878BAE



4E5357



005996



000E17



# Inverse Universe

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



AE879E



E3A6CA



AEAA87



574E53



960059

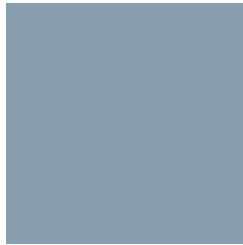


17000E



# Previews

## White Background



This preview shows how the Hex color 879EAE looks on a white background.

## Color Contrast Check

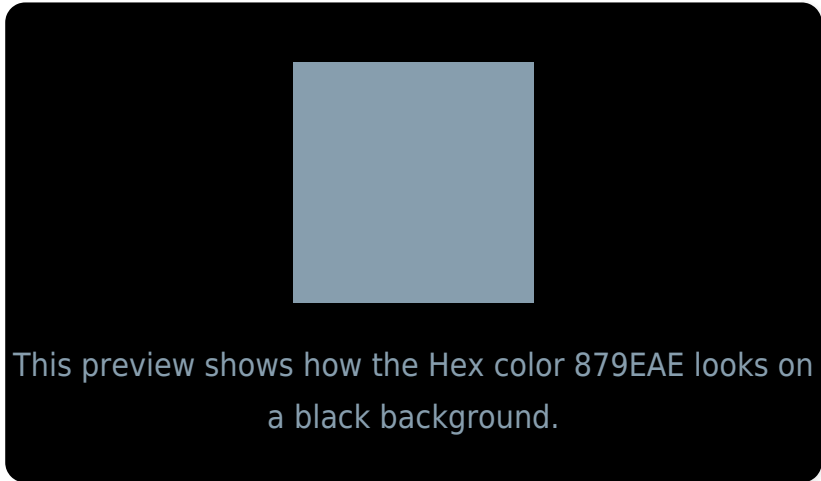
Large Text (above 18pt) WCAG AA × Fail

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

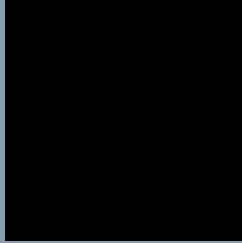
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

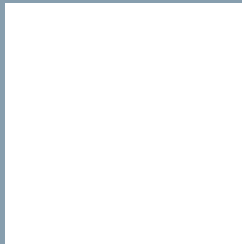
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879EAE Background



This preview shows how black text looks on a background with the Hex color 879EAE.



This preview shows how white text looks on a background with the Hex color 879EAE.

# 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](#).

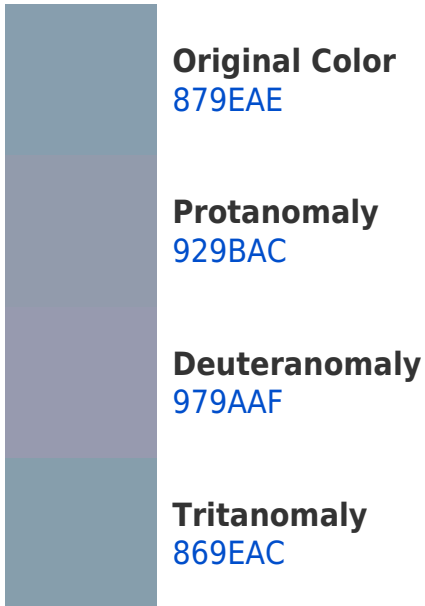
## Dichromacy





**Tritanopia**  
869EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879EAE 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 #879EAE looks like.

```
.text, #text, p{  
    color:#879EAE  
}
```

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 #879EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879EAE
}
```

## Border

The CSS property to change the border of an element to Hex 879EAE 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
#879EAE }
```

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

```
.border{ border-color:#879EAE }
```

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

Here you see how a box with a 4 pixel #879EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879EAE; -webkit-box-shadow:4px 4px  
4px 4px #879EAE; box-shadow:4px 4px 4px  
4px #879EAE }
```

# Background

The CSS property to change the background color of an element to Hex 879EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879EAE }
```

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

```
.background{ background-color:#879EAE }
```

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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