

# Converting Colors

Hex(8E8AAE)

Have a look what the booklet for  
Hex(8E8AAE) contains.

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# Color

**Hex(8E8AAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E8AAE
RGB	142, 138, 174
RGB Percent	56%, 54%, 68%
CMY	0.4431, 0.4588, 0.3176
CMYK	0.18, 0.21, 0.00, 0.32
HSL	247°, 18%, 61%
HSV	247°, 21%, 68%
XYZ	27.8838, 26.9837, 43.7831
YIQ	143.3000, -9.1720, 12.0440

# Conversions

## Conversions Part 2

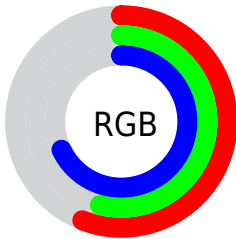
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 138, 174
Decimal	9341614
CIE <sub>Lab</sub>	58.96, 9.13, -18.38
CIE <sub>LCh</sub>	59, 20.523, 296.419
Yxy	26.9837, 0.2827, 0.2735
Android (android.graphics.Color)	4287531694 (0xFF8E8AAE)
YUV	143.3000, 15.1351, -1.1401
Hunter-Lab	51.9459, 4.9109, -13.6111

# Details

The Hex color **8E8AAE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAAE8A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C4BFE6**, and **5B587A** is the 20% darker color. If you saturate the color by 10%, you get **7F79AE**, and if you desaturate by 10%, it is **9D9BAE**.

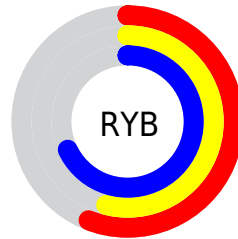
# Distribution



Red (56%)

Green (54%)

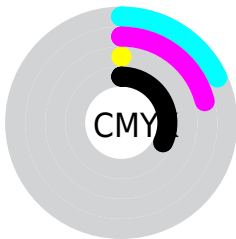
Blue (68%)



Red (56%)

Yellow (54%)

Blue (68%)

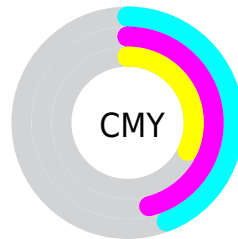


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (46%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8AAE 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 8E8AAE by changing the saturation by 10% instead.





8E8AAE



8E8AAE

FFFFFF



747193



C4BFE6



5B587A



E0DBFF



434161



FDF8FF



2C2B49



161632



00001D



000000



8E8AAE



8E8AAE



7F79AE



9D9BAE

6F67AE

ADADAE

6056AE

BCBEAE

5044AE

CCD0AE

4133AE

DBE1AE

3122AE

EBF2AE

2210AE

FAFFAE

1300AE

FFFFAE

# Harmonies

## Analogous

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



7590B1



8E8AAE



A384A2

# Triad

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



8E8AAE



AC8671



63988B

# Complementary

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



8E8AAE



AAAE8A

# 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.



769679



8E8AAE



9D8C6A

# Square

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



8E8AAE



B3827F



8A926D



5A989D

# Rectangle

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



8E8AAE



AD8297



8A926D



699885



# Sweetspot

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



8E8AAE



D7D5E3



8AAAAE



6C6B73



F2F2F2



737373



# Same Dimension

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



8E8AAE



B1AAE3



A08AAE



4F4E57



110096



030017



# Inverse Universe

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



AE8AAA



E3AADD



98AE8A



574E56



960086



170014



# Previews

## White Background



This preview shows how the Hex color 8E8AAE looks on a white background.

## Color Contrast Check

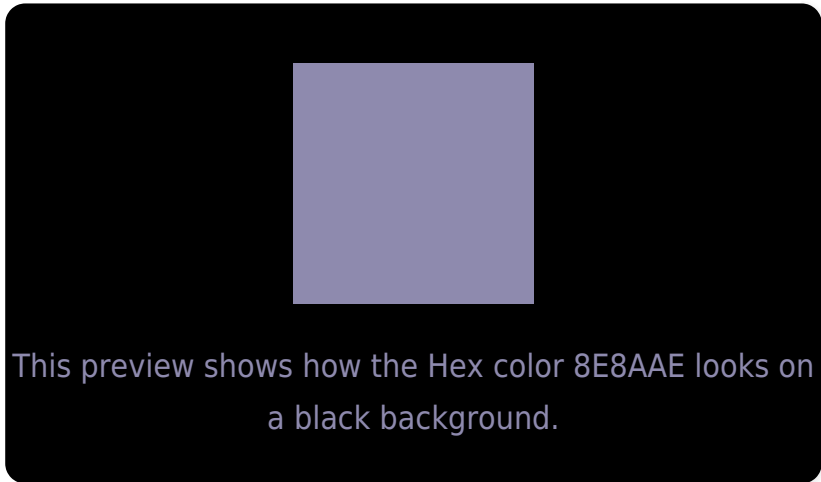
Large Text (above 18pt) WCAG AA ✓ Pass

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

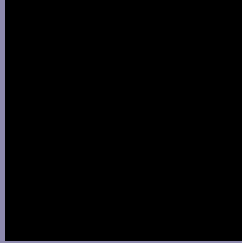
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8AAE Background



This preview shows how black text looks on a background with the Hex color 8E8AAE.



This preview shows how white text looks on a background with the Hex color 8E8AAE.

# 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**  
8E8AAE

**Protanopia**  
868CB0

**Deuteranopia**  
8B8BAE



**Tritanopia**  
8A8E99

# Trichromacy



**Original Color**  
8E8AAE

**Protanomaly**  
898BAF

**Deuteranomaly**  
8C8BAE

**Tritanomaly**  
8B8DA1

# Monochromacy



**Original Color**  
8E8AAE

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8F8D9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8AAE 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 #8E8AAE looks like.

```
.text, #text, p{  
    color:#8E8AAE  
}
```

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 #8E8AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8AAE  
}
```

## Border

The CSS property to change the border of an element to Hex 8E8AAE 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  
#8E8AAE }
```

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

```
.border{ border-color:#8E8AAE }
```

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

Here you see how a box with a 4 pixel #8E8AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8AAE; -webkit-box-shadow:4px 4px  
4px 4px #8E8AAE; box-shadow:4px 4px 4px  
4px #8E8AAE }
```

# Background

The CSS property to change the background color of an element to Hex 8E8AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8AAE }
```

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

```
.background{ background-color:#8E8AAE }
```

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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