

Converting Colors

Hex(839EAA)

Have a look what the booklet for
Hex(839EAA) contains.

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Color

Hex(839EAA)

Conversions

Conversions Part 1

Format	Color
Hex	839EAA
RGB	131, 158, 170
RGB Percent	51%, 62%, 67%
CMY	0.4863, 0.3804, 0.3333
CMYK	0.23, 0.07, 0.00, 0.33
HSL	198°, 19%, 59%
HSV	198°, 23%, 67%
XYZ	28.8426, 32.1813, 42.7217
YIQ	151.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

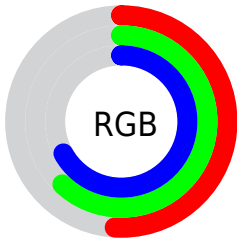
Format	Color
RYB	131, 147, 170
Decimal	8625834
CIELab	63.49, -6.64, -9.36
CIELCh	63, 11.479, 234.641
Yxy	32.1813, 0.2780, 0.3102
Android (android.graphics.Color)	4286815914 (0xFF839EAA)
YUV	151.2950, 9.2216, -17.7987
Hunter-Lab	56.7286, -8.5198, -4.9407

Details

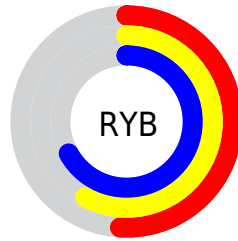
The Hex color **839EAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA8F83**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B9D5E1**, and **516B76** is the 20% darker color. If you saturate the color by 10%, you get **7299AA**, and if you desaturate by 10%, it is **94A3AA**.

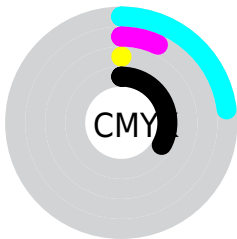
Distribution



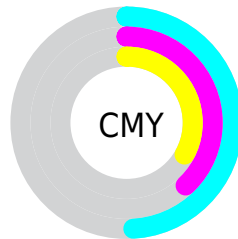
- Red (51%)
- Green (62%)
- Blue (67%)



- Red (51%)
- Yellow (58%)
- Blue (67%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839EAA 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 839EAA by changing the saturation by 10% instead.

■ 839EAA

■ 839EAA

FFFFFF

■ 698490

■ B9D5E1

■ 516B76

■ D4F1FE

■ 39535D

■ F1FFFF

■ 223B46

■ 0A262F

■ 00111B

■ 000000

■ 839EAA

■ 839EAA

■ 7299AA

■ 94A3AA

6194AA

A5A8AA

508EAA

B6AEAA

3F89AA

C7B3AA

2E84AA

D8B8AA

1D7FAA

E9BDAA

0C79AA

FAC3AA

0076AA

FFC8AA

FFCDAA

Harmonies

Analogous

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



80A0A2



839EAA



8D9BAE

Triad

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



839EAA



AD939C



999C87

Complementary

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



839EAA



AA8F83

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.



A49886



839EAA



B09392

Square

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



839EAA



A595A6



AC9589



8D9E8E

Rectangle

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



839EAA



9599AD



AC9589



9D9B86

Sweetspot

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



839EAA



CED9DE



83AA8F



676D70



F0F0F0



707070

Same Dimension

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



839EAA



A0CBDE



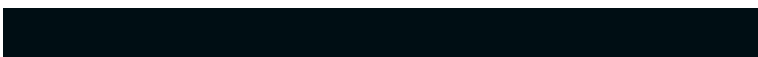
838BAA



4C5254



006694



000E14

Inverse Universe

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



AA839E



DEA0CB



AAA283



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 839EAA looks on a white background.

Color Contrast Check

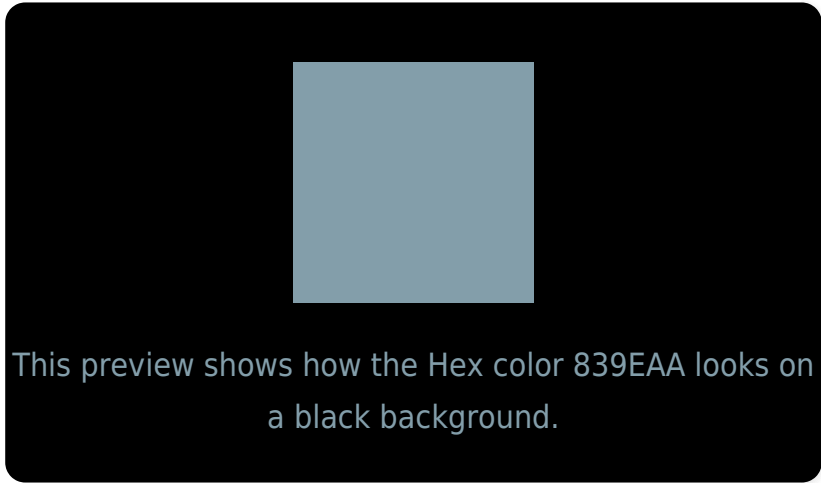
Large Text (above 18pt) WCAG AA × Fail

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

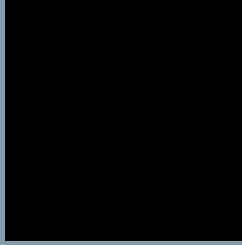
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

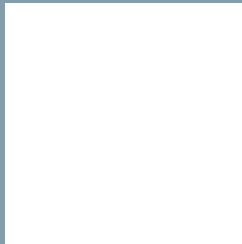
Any Text WCAG AAA ✓ Pass

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

Hex 839EAA Background



This preview shows how black text looks on a background with the Hex color 839EAA.



This preview shows how white text looks on a background with the Hex color 839EAA.

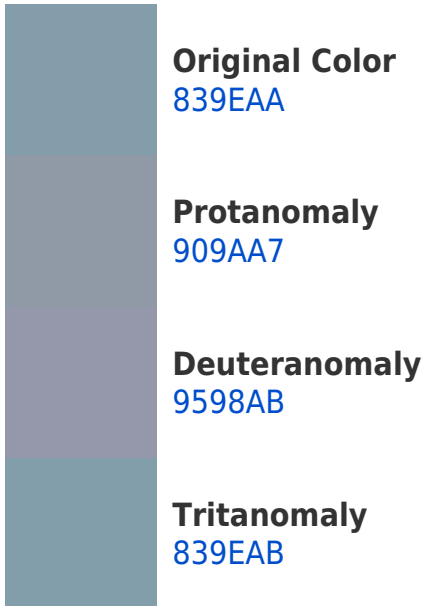
Color Blindness Simulation

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](#).

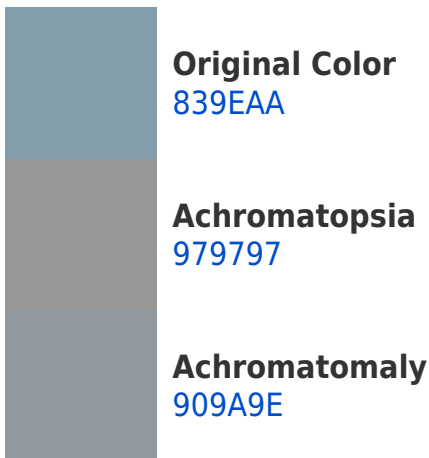
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839EAA 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 #839EAA looks like.

```
.text, #text, p{  
    color:#839EAA  
}
```

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 #839EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839EAA
}
```

Border

The CSS property to change the border of an element to Hex 839EAA 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
#839EAA }
```

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

```
.border{ border-color:#839EAA }
```

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

Here you see how a box with a 4 pixel #839EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839EAA; -webkit-box-shadow:4px 4px  
4px 4px #839EAA; box-shadow:4px 4px 4px  
4px #839EAA }
```

Background

The CSS property to change the background color of an element to Hex 839EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839EAA }
```

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

```
.background{ background-color:#839EAA }
```

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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