

Converting Colors

Hex(839EA7)

Have a look what the booklet for
Hex(839EA7) contains.

Hex(839EA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(839EA7)

Conversions

Conversions Part 1

Format	Color
Hex	839EA7
RGB	131, 158, 167
RGB Percent	51%, 62%, 65%
CMY	0.4863, 0.3804, 0.3451
CMYK	0.22, 0.05, 0.00, 0.35
HSL	195°, 17%, 58%
HSV	195°, 22%, 65%
XYZ	28.5620, 32.0690, 41.2438
YIQ	150.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

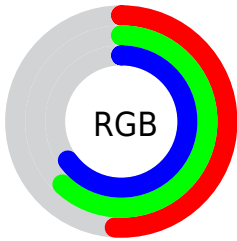
Format	Color
RYB	131, 146, 167
Decimal	8625831
CIELab	63.40, -7.34, -7.81
CIELCh	63, 10.718, 226.798
Yxy	32.0690, 0.2804, 0.3148
Android (android.graphics.Color)	4286815911 (0xFF839EA7)
YUV	150.9530, 7.9112, -17.4988
Hunter-Lab	56.6295, -9.0724, -3.5408

Details

The Hex color **839EA7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A78C83**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B9D5DE**, and **516B73** is the 20% darker color. If you saturate the color by 10%, you get **729AA7**, and if you desaturate by 10%, it is **94A2A7**.

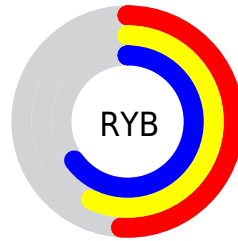
Distribution



Red (51%)

Green (62%)

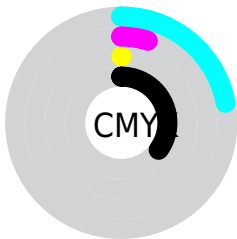
Blue (65%)



Red (51%)

Yellow (57%)

Blue (65%)

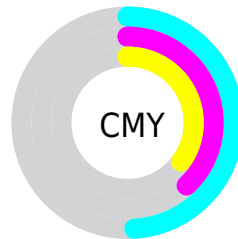


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839EA7 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 839EA7 by changing the saturation by 10% instead.



839EA7



839EA7

FFFFFF



69848D



B9D5DE



516B73



D4F1FB



39525B



F1FFFF



223B43



0B262D



001119



000000



839EA7



839EA7



729AA7



94A2A7

6296A7

A4A6A7

5191A7

B5ABA7

408DA7

C6AFA7

2F89A7

D6B3A7

1F85A7

E7B7A7

0E81A7

F8BBA7

007DA7

FFBFA7

FFC4A7

Harmonies

Analogous

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



829F9F



839EA7



8B9CAC

Triad

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



839EA7



AA939E



9C9B87

Complementary

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



839EA7



A78C83

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.



A69787



839EA7



AE9394

Square

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



839EA7



A295A7



AC958C



919D8C

Rectangle

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



839EA7



929AAC



AC958C



9F9A87

Sweetspot

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



839EA7



CCD5D9



83A78C



666C6E



EDEDED



6E6E6E

Same Dimension

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



839EA7



A0CBD9



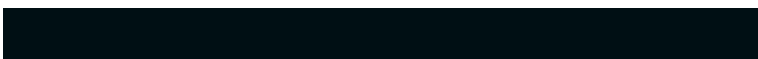
838CA7



4C5254



006F94



000F14

Inverse Universe

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



A7839E



D9A0CB



A79E83



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 839EA7 looks on a white background.

Color Contrast Check

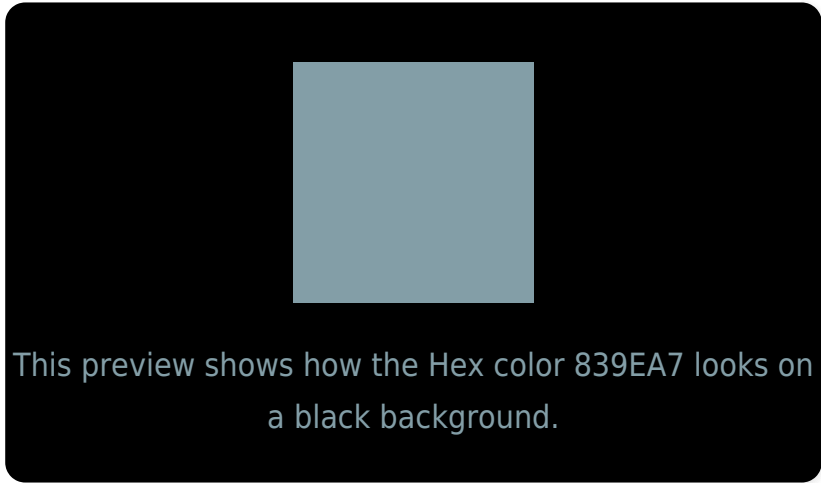
Large Text (above 18pt) WCAG AA × Fail

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

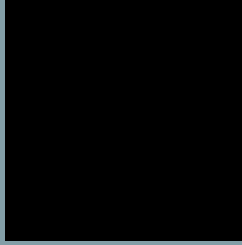
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

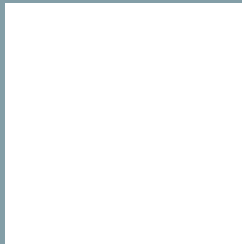
Any Text WCAG AAA ✓ Pass

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

Hex 839EA7 Background



This preview shows how black text looks on a background with the Hex color 839EA7.

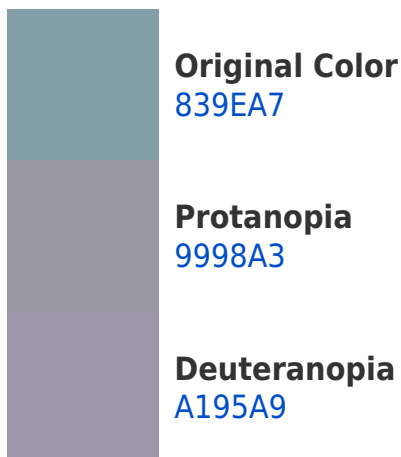


This preview shows how white text looks on a background with the Hex color 839EA7.

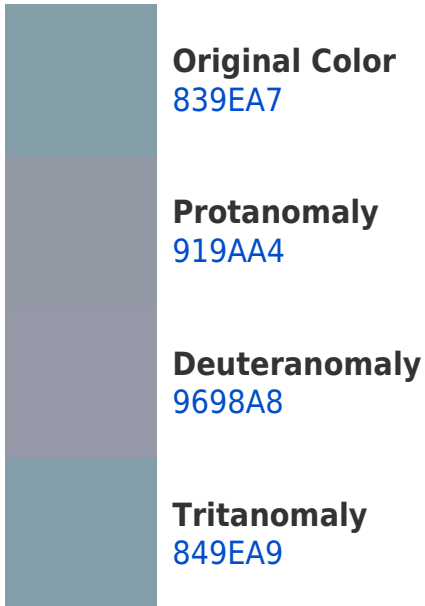
Color Blindness Simulation

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](#).

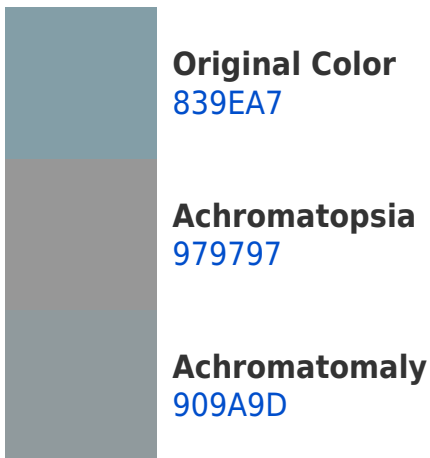
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839EA7 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 #839EA7 looks like.

```
.text, #text, p{  
    color:#839EA7  
}
```

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 #839EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839EA7
}
```

Border

The CSS property to change the border of an element to Hex 839EA7 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
#839EA7 }
```

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

```
.border{ border-color:#839EA7 }
```

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

Here you see how a box with a 4 pixel #839EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839EA7; -webkit-box-shadow:4px 4px  
4px 4px #839EA7; box-shadow:4px 4px 4px  
4px #839EA7 }
```

Background

The CSS property to change the background color of an element to Hex 839EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839EA7 }
```

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

```
.background{ background-color:#839EA7 }
```

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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