

Converting Colors

Hex(859AAF)

Have a look what the booklet for
Hex(859AAF) contains.

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Color

Hex(859AAF)

Conversions

Conversions Part 1

Format	Color
Hex	859AAF
RGB	133, 154, 175
RGB Percent	52%, 60%, 69%
CMY	0.4784, 0.3961, 0.3137
CMYK	0.24, 0.12, 0.00, 0.31
HSL	210°, 21%, 60%
HSV	210°, 24%, 69%
XYZ	28.9663, 31.1929, 45.0516
YIQ	150.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

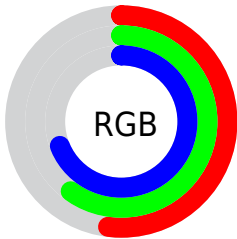
Format	Color
R_YB	133, 147, 175
Decimal	8755887
CIE Lab	62.67, -2.62, -13.39
CIE LCh	63, 13.648, 258.938
Yxy	31.1929, 0.2753, 0.2965
Android (android.graphics.Color)	4286945967 (0xFF859AAF)
YUV	150.1150, 12.2683, -15.0099
Hunter-Lab	55.8506, -5.1614, -8.7305

Details

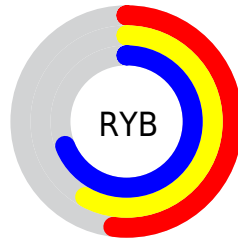
The Hex color **859AAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AF9A85**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BBD0E7**, and **52677B** is the 20% darker color. If you saturate the color by 10%, you get **7391AF**, and if you desaturate by 10%, it is **97A3AF**.

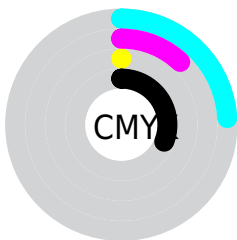
Distribution



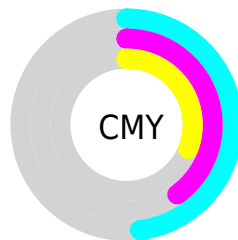
- Red (52%)
- Green (60%)
- Blue (69%)



- Red (52%)
- Yellow (58%)
- Blue (69%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (48%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859AAF 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 859AAF by changing the saturation by 10% instead.



859AAF



859AAF

FFFFFF



6B8094



BBD0E7



52677B



D7EDFF



3A4F62



F3FFFF



23384A



0C2333



000D1E



000002



000000



859AAF



859AAF

7391AF

97A3AF

6289AF

A8ABAF

5180AF

BAB4AF

3F77AF

CBBDAF

2E6EAF

DDC6AF

1C66AF

EECFAF

0B5DAF

FFD7AF

0058AF

FFE0AF

FFE9AF

Harmonies

Analogous

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



7A9DA9



859AAF



9496AE

Triad

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



859AAF



B18F90



8B9C87

Complementary

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



859AAF



AF9A85

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.



999981



859AAF



AE9286

Square

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



859AAF



AD909D



A69580



7F9E93

Rectangle

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



859AAF



9E93AA



A69580



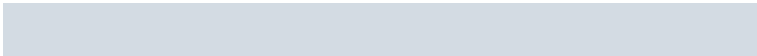
909C85

Sweetspot

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



859AAF



D3DBE3



85AF9A



6A6E73



F2F2F2



737373

Same Dimension

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



859AAF



A1C2E3



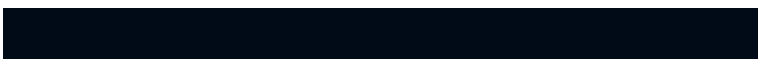
8585AF



4E5257



004B96



000B17

Inverse Universe

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



AF859A



E3A1C2



AFAF85



574E52



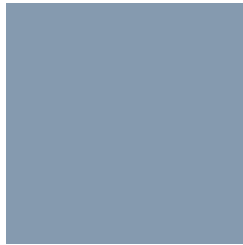
96004B



17000B

Previews

White Background



This preview shows how the Hex color 859AAF looks on a white background.

Color Contrast Check

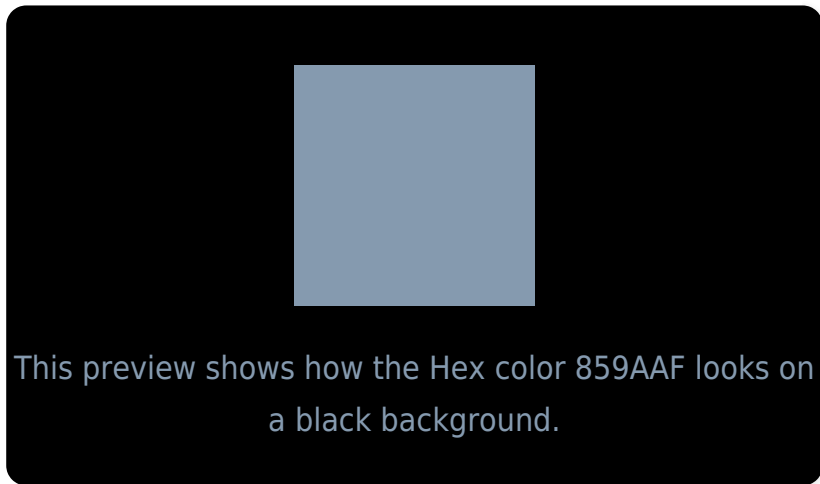
Large Text (above 18pt) WCAG AA × Fail

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

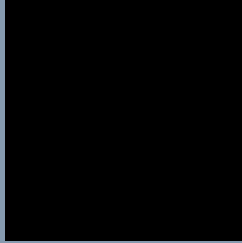
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

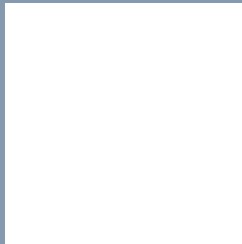
Any Text WCAG AAA ✓ Pass

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

Hex 859AAF Background



This preview shows how black text looks on a background with the Hex color 859AAF.

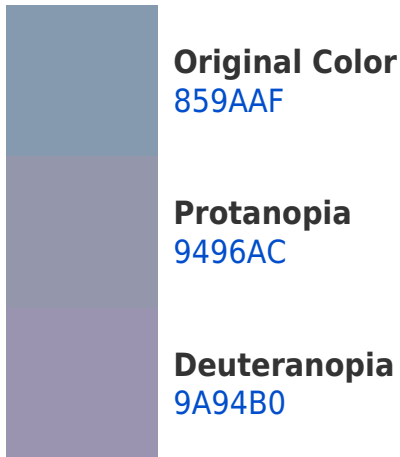


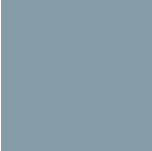
This preview shows how white text looks on a background with the Hex color 859AAF.

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](#).

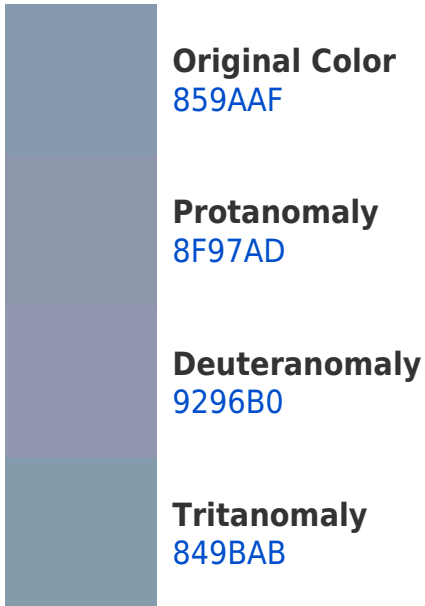
Dichromacy



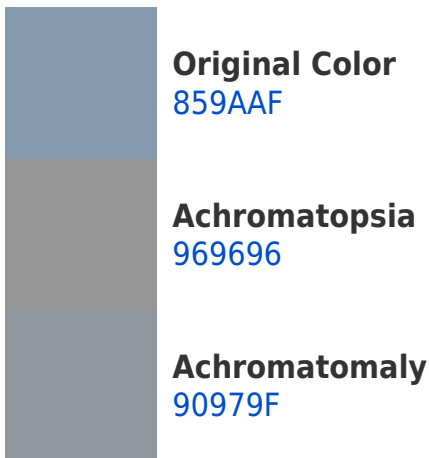


Tritanopia
849BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859AAF 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 #859AAF looks like.

```
.text, #text, p{  
    color:#859AAF  
}
```

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 #859AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859AAF
}
```

Border

The CSS property to change the border of an element to Hex 859AAF 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
#859AAF }
```

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

```
.border{ border-color:#859AAF }
```

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

Here you see how a box with a 4 pixel #859AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859AAF; -webkit-box-shadow:4px 4px  
4px 4px #859AAF; box-shadow:4px 4px 4px  
4px #859AAF }
```

Background

The CSS property to change the background color of an element to Hex 859AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859AAF }
```

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

```
.background{ background-color:#859AAF }
```

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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