

Converting Colors

Hex(859AC2)

Have a look what the booklet for
Hex(859AC2) contains.

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Color

Hex(859AC2)

Conversions

Conversions Part 1

Format	Color
Hex	859AC2
RGB	133, 154, 194
RGB Percent	52%, 60%, 76%
CMY	0.4784, 0.3961, 0.2392
CMYK	0.31, 0.21, 0.00, 0.24
HSL	219°, 33%, 64%
HSV	219°, 31%, 76%
XYZ	30.9661, 31.9928, 55.5821
YIQ	152.2810, -25.3560, 7.9880

Conversions

Conversions Part 2

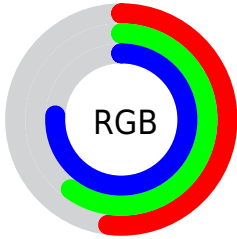
Format	Color
R _Y B	133, 149, 194
Decimal	8755906
CIE Lab	63.34, 2.08, -23.05
CIE LCh	63, 23.147, 275.152
Yxy	31.9928, 0.2612, 0.2699
Android (android.graphics.Color)	4286945986 (0xFF859AC2)
YUV	152.2810, 20.5675, -16.9094
Hunter-Lab	56.5622, -1.2605, -18.6691

Details

The Hex color **859AC2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2AD85**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BBD0FB**, and **51678C** is the 20% darker color. If you saturate the color by 10%, you get **728DC2**, and if you desaturate by 10%, it is **98A7C2**.

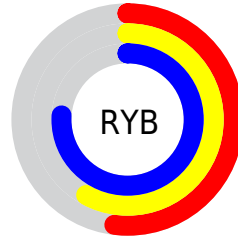
Distribution



Red (52%)

Green (60%)

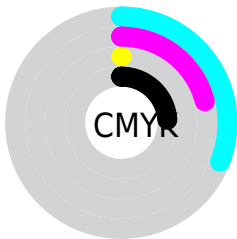
Blue (76%)



Red (52%)

Yellow (58%)

Blue (76%)

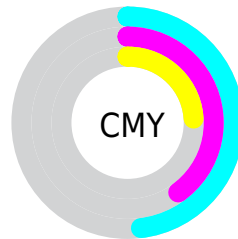


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859AC2 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 859AC2 by changing the saturation by 10% instead.



859AC2



859AC2

FFFFFF



6B80A7



BBD0FB



51678C



D8EDFF



384F73



F4FFFF



1F385A



012342



000D2C



000117



000000



859AC2



859AC2

728DC2

98A7C2

5E81C2

ACB3C2

4B74C2

BFC0C2

3767C2

D3CDC2

245AC2

E6DAC2

114EC2

F9E6C2

0043C2

FFF3C2

FFFFC2

Harmonies

Analogous

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



6AA0BE



859AC2



A193BB

Triad

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



859AC2



C28D83



77A387

Complementary

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



859AC2



C2AD85

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.



8E9F77



859AC2



B79275

Square

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



859AC2



C28A96



A59970



63A59C

Rectangle

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



859AC2



B18FB1



A59970



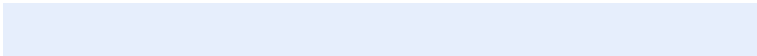
7EA281

Sweetspot

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



859AC2



E6EEFC



85C2AD



717680



000000



808080

Same Dimension

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



859AC2



9DBEFC



8E85C2



575B61



0037A1



000B21

Inverse Universe

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



C2859A



FC9DBE



B9C285



61575B



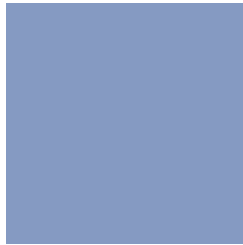
A10037



21000B

Previews

White Background



This preview shows how the Hex color 859AC2 looks on a white background.

Color Contrast Check

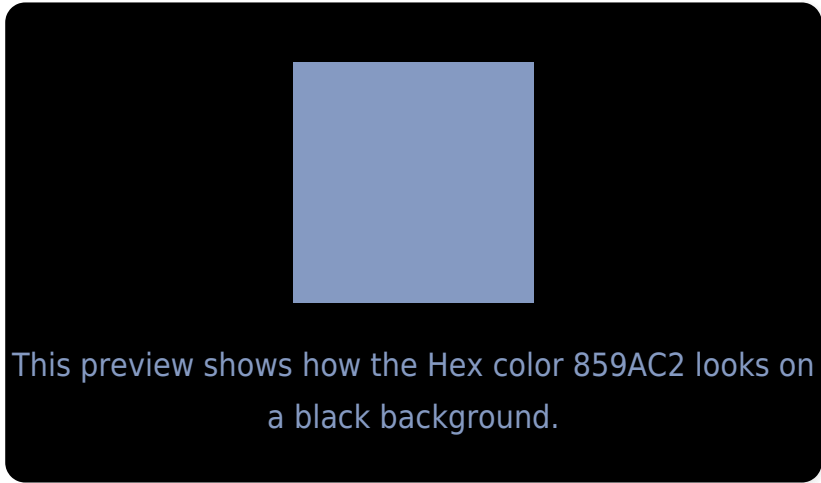
Large Text (above 18pt) WCAG AA × Fail

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

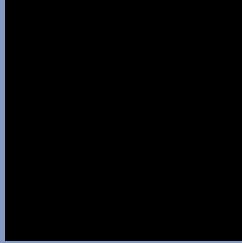
Any Text WCAG AA ✓ Pass

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 859AC2 Background



This preview shows how black text looks on a background with the Hex color 859AC2.



This preview shows how white text looks on a background with the Hex color 859AC2.

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
859AC2

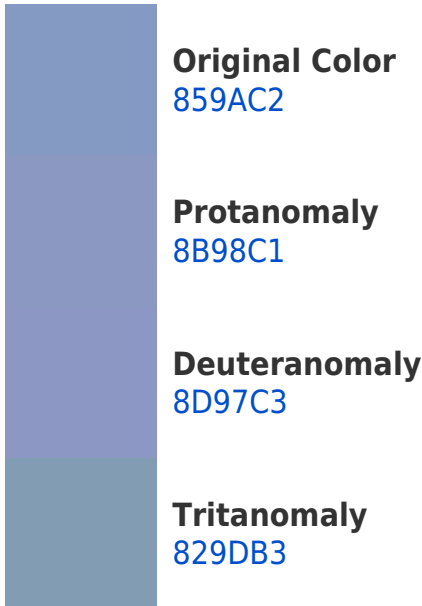
Protanopia
8F97C0

Deuteranopia
9296C3

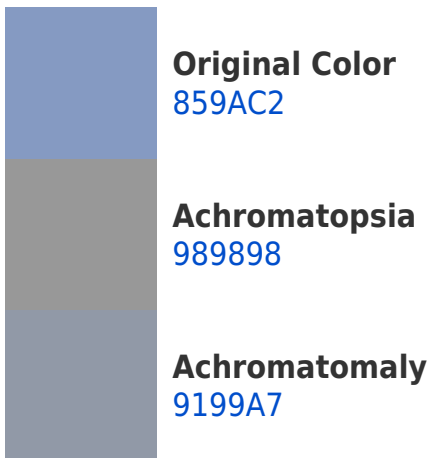


Tritanopia
809EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859AC2 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 #859AC2 looks like.

```
.text, #text, p{  
    color:#859AC2  
}
```

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 #859AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859AC2
}
```

Border

The CSS property to change the border of an element to Hex 859AC2 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
#859AC2 }
```

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

```
.border{ border-color:#859AC2 }
```

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

Here you see how a box with a 4 pixel #859AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859AC2; -webkit-box-shadow:4px 4px  
4px 4px #859AC2; box-shadow:4px 4px 4px  
4px #859AC2 }
```

Background

The CSS property to change the background color of an element to Hex 859AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859AC2 }
```

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

```
.background{ background-color:#859AC2 }
```

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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