

Converting Colors

Hex(899AE6)

Have a look what the booklet for
Hex(899AE6) contains.

Hex(899AE6)	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(899AE6)

Conversions

Conversions Part 1

Format	Color
Hex	899AE6
RGB	137, 154, 230
RGB Percent	54%, 60%, 90%
CMY	0.4627, 0.3961, 0.0980
CMYK	0.40, 0.33, 0.00, 0.10
HSL	229°, 65%, 72%
HSV	229°, 40%, 90%
XYZ	36.1551, 34.1427, 79.5475
YIQ	157.5810, -34.5280, 20.0320

Conversions

Conversions Part 2

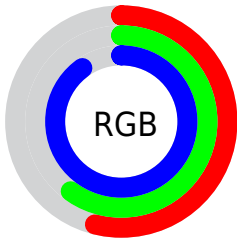
Format	Color
R _Y B	137, 151, 230
Decimal	9018086
CIE Lab	65.08, 12.82, -40.34
CIE LCh	65, 42.331, 287.626
Yxy	34.1427, 0.2413, 0.2279
Android (android.graphics.Color)	4287208166 (0xFF899AE6)
YUV	157.5810, 35.7026, -18.0495
Hunter-Lab	58.4318, 8.1924, -39.8136

Details

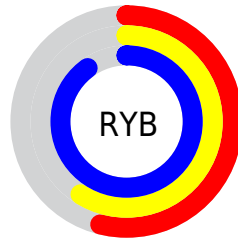
The Hex color **899AE6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6D589**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C1D0FF**, and **5267AE** is the 20% darker color. If you saturate the color by 10%, you get **7287E6**, and if you desaturate by 10%, it is **A0ADE6**.

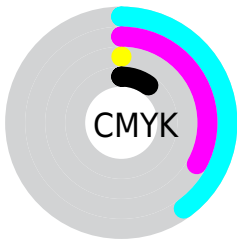
Distribution



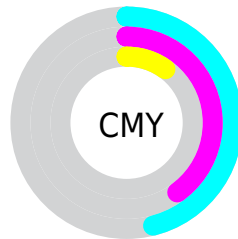
- Red (54%)
- Green (60%)
- Blue (90%)



- Red (54%)
- Yellow (59%)
- Blue (90%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899AE6 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 899AE6 by changing the saturation by 10% instead.

899AE6

899AE6

FFFFFF

6D80CA

C1D0FF

5267AE

DEECFF

364F93

FCFFFF

143979

002460

000F48

000431

00011B

000000

899AE6

899AE6

7287E6

A0ADE6

5B74E6

B7C0E6

4462E6

CED2E6

2D4FE6

E5E5E6

163CE6

FCF8E6

002AE6

FFFFE6

Harmonies

Analogous

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



3BA6E7



899AE6



BD8CD1

Triad

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



899AE6



DC8968



3BB18C

Complementary

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



899AE6



E6D589

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.



74AC69



899AE6



C39653

Square

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



899AE6



E78089



9FA354



00B2B4

Rectangle

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



899AE6



D584BC



9FA354



51AF80

Sweetspot

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



899AE6



E0E6FF



89E6D5



6E7180



000000



808080

Same Dimension

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



899AE6



8299FF



A689E6



676973



0021B3



000933

Inverse Universe

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



E6899A



FF8299



C9E689



736769



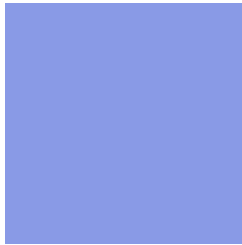
B30021



330009

Previews

White Background



This preview shows how the Hex color 899AE6 looks on a white background.

Color Contrast Check

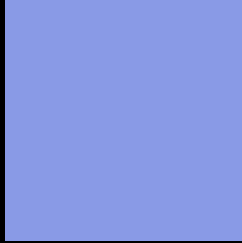
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 899AE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

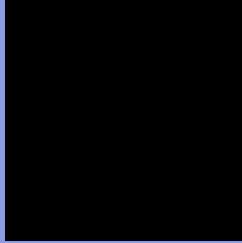
Any Text WCAG AA ✓ Pass

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 899AE6 Background



This preview shows how black text looks on a background with the Hex color 899AE6.



This preview shows how white text looks on a background with the Hex color 899AE6.

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
899AE6

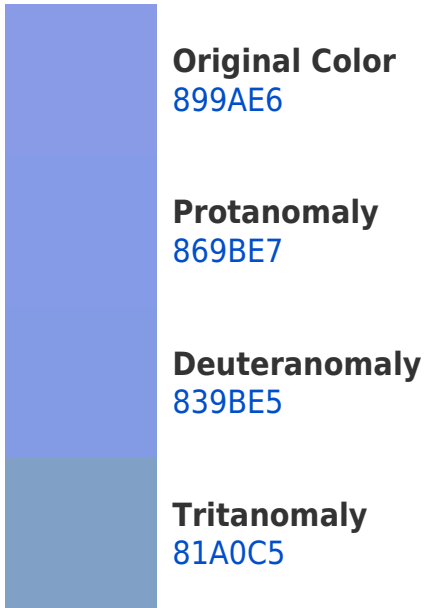
Protanopia
849BE7

Deuteranopia
809CE5

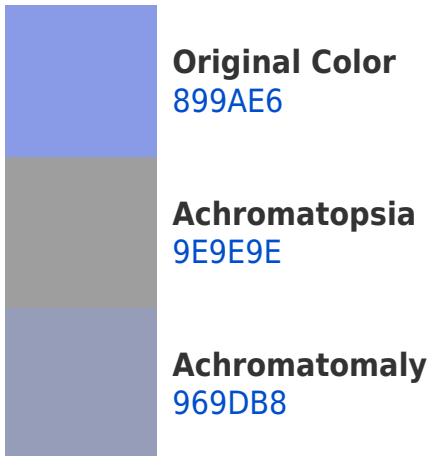


Tritanopia
7CA4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 899AE6 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 #899AE6 looks like.

```
.text, #text, p{  
    color:#899AE6  
}
```

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 #899AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899AE6
}
```

Border

The CSS property to change the border of an element to Hex 899AE6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

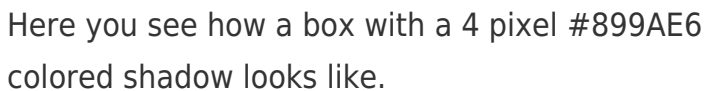
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#899AE6 }
```

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

```
.border{ border-color:#899AE6 }
```

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



Here you see how a box with a 4 pixel #899AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899AE6; -webkit-box-shadow:4px 4px  
4px 4px #899AE6; box-shadow:4px 4px 4px  
4px #899AE6 }
```

Background

The CSS property to change the background color of an element to Hex 899AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899AE6 }
```

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

```
.background{ background-color:#899AE6 }
```

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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