

Converting Colors

Hex(8A97CC)

Have a look what the booklet for
Hex(8A97CC) contains.

Hex(8A97CC)	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(8A97CC)

Conversions

Conversions Part 1

Format	Color
Hex	8A97CC
RGB	138, 151, 204
RGB Percent	54%, 59%, 80%
CMY	0.4588, 0.4078, 0.2000
CMYK	0.32, 0.26, 0.00, 0.20
HSL	228°, 39%, 67%
HSV	228°, 32%, 80%
XYZ	32.4469, 31.8961, 61.5732
YIQ	153.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

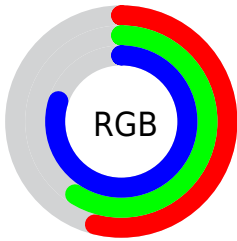
Format	Color
R _Y B	138, 149, 204
Decimal	9082828
CIE Lab	63.26, 7.82, -28.74
CIE LCh	63, 29.785, 285.227
Yxy	31.8961, 0.2577, 0.2533
Android (android.graphics.Color)	4287272908 (0xFF8A97CC)
YUV	153.1550, 25.0666, -13.2909
Hunter-Lab	56.4767, 3.7175, -25.1067

Details

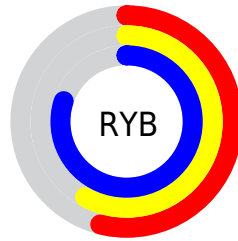
The Hex color **8A97CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCBF8A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C1CDFF**, and **566496** is the 20% darker color. If you saturate the color by 10%, you get **7687CC**, and if you desaturate by 10%, it is **9EA7CC**.

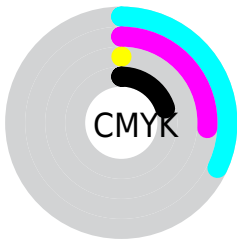
Distribution



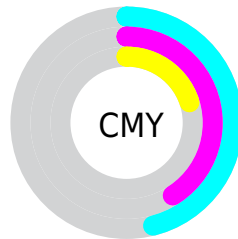
- Red (54%)
- Green (59%)
- Blue (80%)



- Red (54%)
- Yellow (58%)
- Blue (80%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A97CC 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 8A97CC by changing the saturation by 10% instead.



8A97CC



8A97CC

FFFFFF



707DB0



C1CDFF



566496



DDE9FF



3C4D7C



FAFFFF



223662



03214A



000A34



00021E



000000



8A97CC



8A97CC

■ 7687CC

■ 9EA7CC

■ 6176CC

■ B3B8CC

■ 4D66CC

■ C7C8CC

■ 3855CC

■ DCD9CC

■ 2445CC

■ F0E9CC

■ 1035CC

■ FFF9CC

■ 0028CC

■ FFFFCC

Harmonies

Analogous

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



61A0CC



8A97CC



AD8EBF

Triad

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



8A97CC



C88A75



60A78B

Complementary

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



8A97CC



CCBF8A

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.



80A373



8A97CC



B79366

Square

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



8A97CC



CE858C



9E9C65



45A8A6

Rectangle

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



8A97CC



BF88B0



9E9C65



6BA682

Sweetspot

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



8A97CC



E6EBFF



8ACCBF



707380



000000



808080

Same Dimension

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



8A97CC



9CAFFF



9E8ACC



5C5E66



0021A6



000826

Inverse Universe

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



CC8A97



FF9CAF



B8CC8A



665C5E



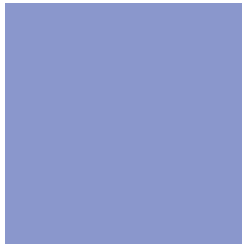
A60021



260008

Previews

White Background



This preview shows how the Hex color 8A97CC looks on a white background.

Color Contrast Check

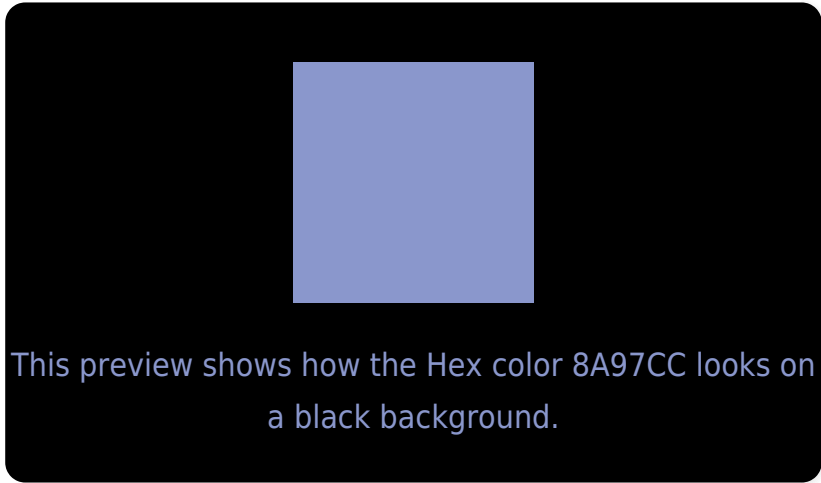
Large Text (above 18pt) WCAG AA × Fail

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

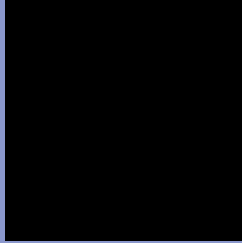
Any Text WCAG AA ✓ Pass

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 8A97CC Background



This preview shows how black text looks on a background with the Hex color 8A97CC.



This preview shows how white text looks on a background with the Hex color 8A97CC.

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
8A97CC

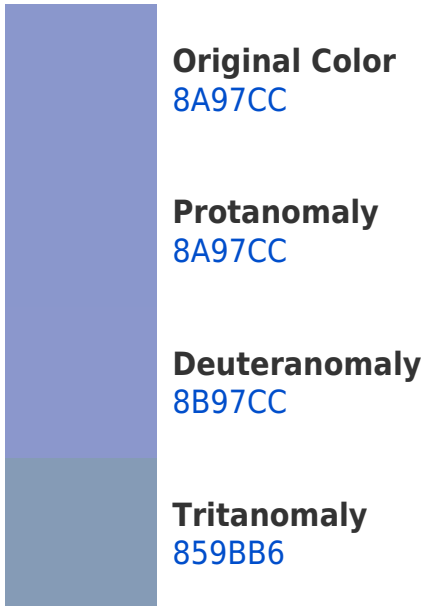
Protanopia
8A97CC

Deuteranopia
8B97CC

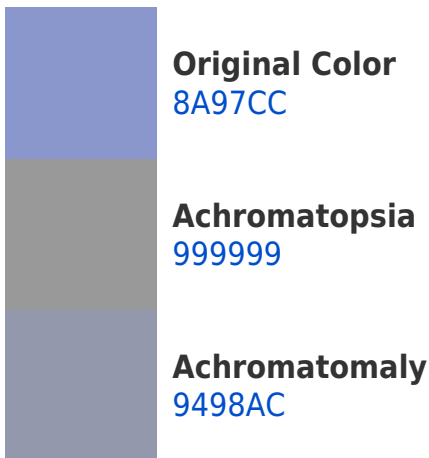


Tritanopia
829DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A97CC 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 #8A97CC looks like.

```
.text, #text, p{  
    color:#8A97CC  
}
```

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 #8A97CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A97CC  
}
```

Border

The CSS property to change the border of an element to Hex 8A97CC 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  
#8A97CC }
```

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

```
.border{ border-color:#8A97CC }
```

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

Here you see how a box with a 4 pixel #8A97CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A97CC; -webkit-box-shadow:4px 4px  
4px 4px #8A97CC; box-shadow:4px 4px 4px  
4px #8A97CC }
```

Background

The CSS property to change the background color of an element to Hex 8A97CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A97CC }
```

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

```
.background{ background-color:#8A97CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor