

Converting Colors

Hex(97B8CF)

Have a look what the booklet for
Hex(97B8CF) contains.

Hex(97B8CF)	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(97B8CF)

Conversions

Conversions Part 1

Format	Color
Hex	97B8CF
RGB	151, 184, 207
RGB Percent	59%, 72%, 81%
CMY	0.4078, 0.2784, 0.1882
CMYK	0.27, 0.11, 0.00, 0.19
HSL	205°, 37%, 70%
HSV	205°, 27%, 81%
XYZ	41.1655, 45.3653, 65.6182
YIQ	176.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

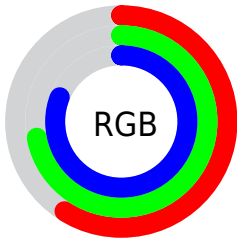
Format	Color
RYB	151, 172, 207
Decimal	9943247
CIELab	73.13, -5.89, -15.26
CIElCh	73, 16.356, 248.894
Yxy	45.3653, 0.2706, 0.2982
Android (android.graphics.Color)	4288133327 (0xFF97B8CF)
YUV	176.7550, 14.9108, -22.5871
Hunter-Lab	67.3538, -8.7729, -10.6146

Details

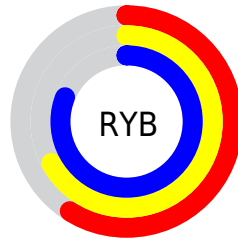
The Hex color **97B8CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CFAE97**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CEF0FF**, and **638399** is the 20% darker color. If you saturate the color by 10%, you get **82AFCF**, and if you desaturate by 10%, it is **ACC1CF**.

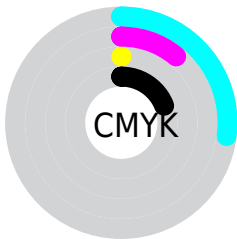
Distribution



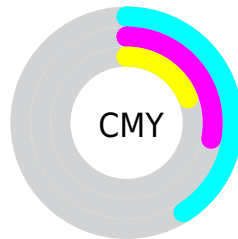
- Red (59%)
- Green (72%)
- Blue (81%)



- Red (59%)
- Yellow (67%)
- Blue (81%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B8CF 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 97B8CF by changing the saturation by 10% instead.

■ 97B8CF

■ 97B8CF

FFFFFF

■ 7C9DB3

■ CEF0FF

■ 638399

■ EBFFFF

■ 496A7F

■ 315266

■ 183B4E

■ 002537

■ 001021

■ 000008

■ 000000

■ 97B8CF

■ 97B8CF

■ 82AFCF

■ ACC1CF

■ 6EA7CF

■ C0C9CF

■ 599ECF

■ D5D2CF

■ 4496CF

■ EADACF

■ 2F8DCF

■ FFE3CF

■ 1B85CF

■ FFEBCF

■ 067CCF

■ FFF4CF

■ 007ACF

■ FFFCCF

■ FFFF CF

Harmonies

Analogous

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



8DBBC6



97B8CF



A9B3D1

Triad

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



97B8CF



D3A9AF



AAB89C

Complementary

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



97B8CF



CFAE97

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.



BBB496



97B8CF



D2ABA1

Square

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



97B8CF



CBAABF



C9AF98



9ABBA8

Rectangle

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



97B8CF



B6B0CE



C9AF98



B0B799

Sweetspot

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



97B8CF



EBF7FF



97CFAD



737A80



000000



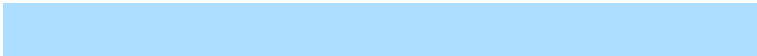
808080

Same Dimension

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



97B8CF



ADDDF



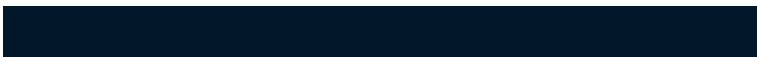
979DCF



5E6469



0063A8



001829

Inverse Universe

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



CF97B8



FFADDD



CFC997



695E64



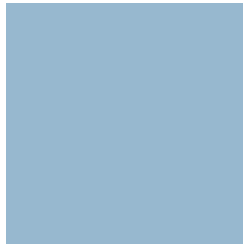
A80063



290018

Previews

White Background



This preview shows how the Hex color 97B8CF looks on a white background.

Color Contrast Check

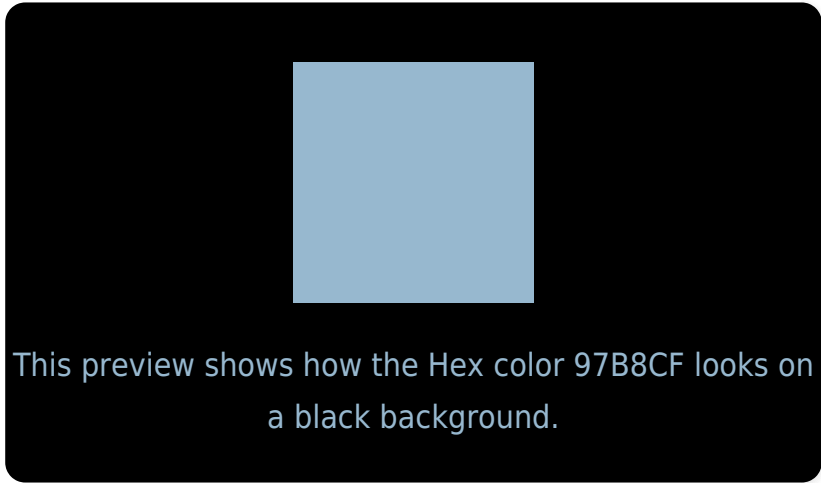
Large Text (above 18pt) WCAG AA × Fail

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

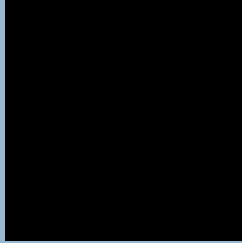
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

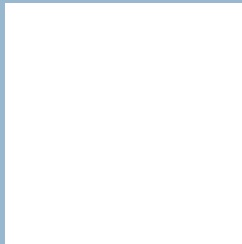
Any Text WCAG AAA ✓ Pass

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

Hex 97B8CF Background



This preview shows how black text looks on a background with the Hex color 97B8CF.



This preview shows how white text looks on a background with the Hex color 97B8CF.

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](#).

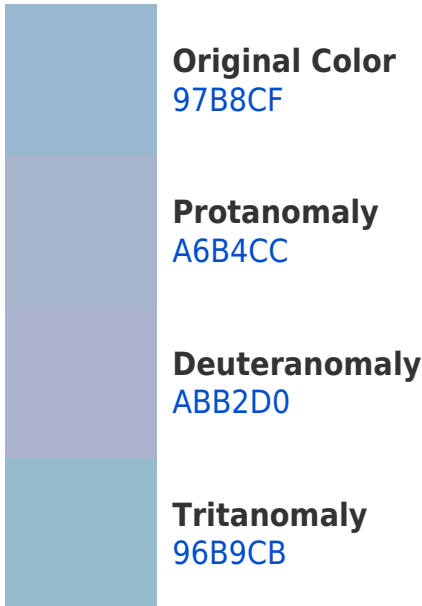
Dichromacy



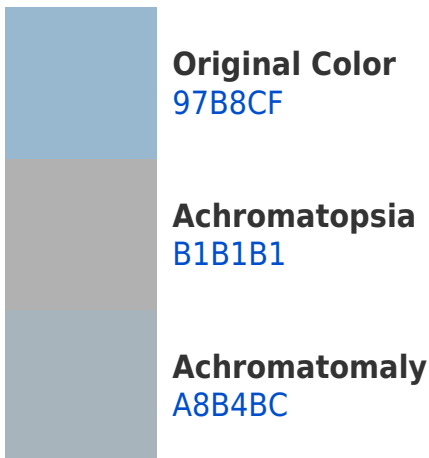


Tritanopia
96B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B8CF 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 #97B8CF looks like.

```
.text, #text, p{  
    color:#97B8CF  
}
```

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 #97B8CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B8CF
}
```

Border

The CSS property to change the border of an element to Hex 97B8CF 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
#97B8CF }
```

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

```
.border{ border-color:#97B8CF }
```

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

Here you see how a box with a 4 pixel #97B8CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B8CF; -webkit-box-shadow:4px 4px  
4px 4px #97B8CF; box-shadow:4px 4px 4px  
4px #97B8CF }
```

Background

The CSS property to change the background color of an element to Hex 97B8CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B8CF }
```

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

```
.background{ background-color:#97B8CF }
```

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