

Converting Colors

Hex(97A7EC)

Have a look what the booklet for
Hex(97A7EC) contains.

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Color

Hex(97A7EC)

Conversions

Conversions Part 1

Format	Color
Hex	97A7EC
RGB	151, 167, 236
RGB Percent	59%, 65%, 93%
CMY	0.4078, 0.3451, 0.0745
CMYK	0.36, 0.29, 0.00, 0.07
HSL	229°, 69%, 76%
HSV	229°, 36%, 93%
XYZ	41.7215, 40.2729, 84.9314
YIQ	170.0820, -31.6850, 18.0670

Conversions

Conversions Part 2

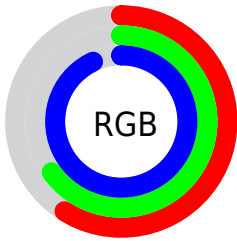
Format	Color
RYB	151, 164, 236
Decimal	9938924
CIELab	69.66, 10.76, -36.41
CIELCh	70, 37.965, 286.457
Yxy	40.2729, 0.2499, 0.2413
Android (android.graphics.Color)	4288129004 (0xFF97A7EC)
YUV	170.0820, 32.4976, -16.7349
Hunter-Lab	63.4609, 6.2959, -34.9267

Details

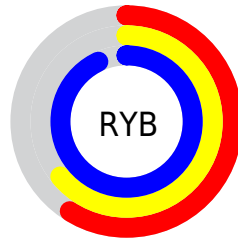
The Hex color **97A7EC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ECDC97**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CFDEFF**, and **6173B4** is the 20% darker color. If you saturate the color by 10%, you get **7F94EC**, and if you desaturate by 10%, it is **AFBAEC**.

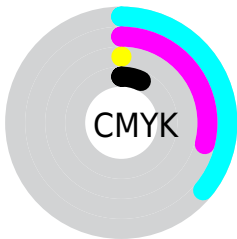
Distribution



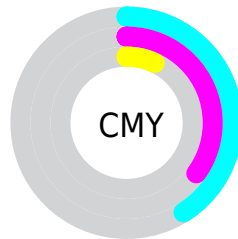
- Red (59%)
- Green (65%)
- Blue (93%)



- Red (59%)
- Yellow (64%)
- Blue (93%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A7EC 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 97A7EC by changing the saturation by 10% instead.

■ 97A7EC

■ 97A7EC

FFFFFF

■ 7C8DD0

■ CFDEFF

■ 6173B4

■ ECFAFF

■ 465B99

■ 2A447F

■ 042E65

■ 001A4D

■ 000036

■ 000220

■ 000003

■ 97A7EC

■ 97A7EC

■ 7F94EC

■ AFBAEC

■ 6881EC

■ C6CDEC

■ 506EEC

■ DEE0EC

■ 395AEC

■ F5F4EC

■ 2147EC

■ FFFFEC

■ 0934EC

■ 002CEC

Harmonies

Analogous

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



5CB2EC



97A7EC



C69ADA

Triad

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



97A7EC



E5977A



5BBC99

Complementary

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



97A7EC



ECDC97

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.



87B77A



97A7EC



CFA367

Square

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



97A7EC



EE9098



AEAE67



26BDBC

Rectangle

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



97A7EC



DC93C6



AEAE67



6ABA8E

Sweetspot

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



97A7EC



E3E8FF



97ECDB



6F7280



000000



808080

Same Dimension

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



97A7EC



91A6FF



B097EC



6A6C75



0022B5



000A36

Inverse Universe

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



EC97A7



FF91A6



D2EC97



756A6C



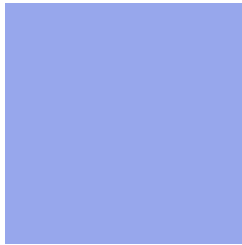
B50022



36000A

Previews

White Background



This preview shows how the Hex color 97A7EC looks on a white background.

Color Contrast Check

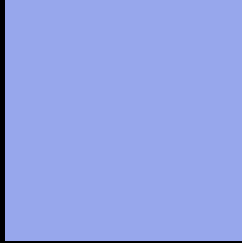
Large Text (above 18pt) WCAG AA × Fail

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 97A7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

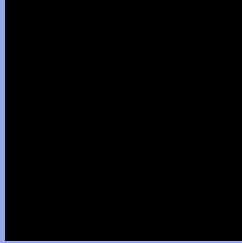
Any Text WCAG AA ✓ Pass

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 97A7EC Background



This preview shows how black text looks on a background with the Hex color 97A7EC.



This preview shows how white text looks on a background with the Hex color 97A7EC.

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
97A7EC

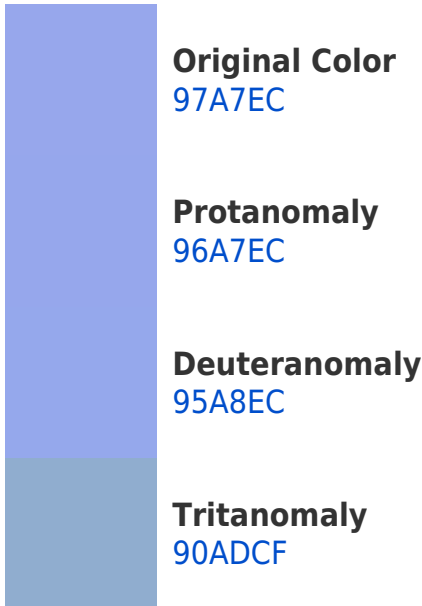
Protanopia
95A7EC

Deuteranopia
94A8EC

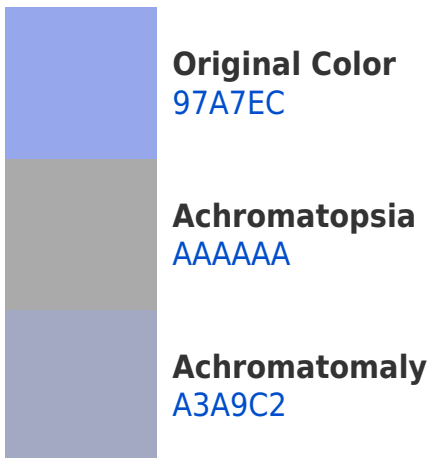


Tritanopia
8CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A7EC 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 #97A7EC looks like.

```
.text, #text, p{  
    color:#97A7EC  
}
```

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 #97A7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A7EC
}
```

Border

The CSS property to change the border of an element to Hex 97A7EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

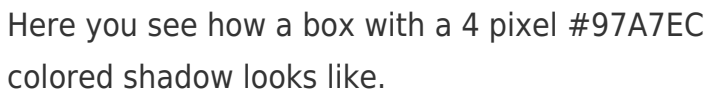
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97A7EC }
```

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

```
.border{ border-color:#97A7EC }
```

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



Here you see how a box with a 4 pixel #97A7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A7EC; -webkit-box-shadow:4px 4px  
4px 4px #97A7EC; box-shadow:4px 4px 4px  
4px #97A7EC }
```

Background

The CSS property to change the background color of an element to Hex 97A7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A7EC }
```

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

```
.background{ background-color:#97A7EC }
```

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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