

Converting Colors

Hex(97AAF2)

Have a look what the booklet for
Hex(97AAF2) contains.

Hex(97AAF2)	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(97AAF2)

Conversions

Conversions Part 1

Format	Color
Hex	97AAF2
RGB	151, 170, 242
RGB Percent	59%, 67%, 95%
CMY	0.4078, 0.3333, 0.0510
CMYK	0.38, 0.30, 0.00, 0.05
HSL	227°, 78%, 77%
HSV	227°, 38%, 95%
XYZ	43.1642, 41.7396, 89.7859
YIQ	172.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

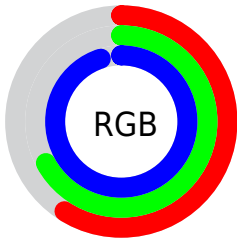
Format	Color
RYB	151, 167, 242
Decimal	9939698
CIELab	70.69, 10.66, -38.08
CIELCh	71, 39.544, 285.634
Yxy	41.7396, 0.2471, 0.2389
Android (android.graphics.Color)	4288129778 (0xFF97AAF2)
YUV	172.5270, 34.2502, -18.8792
Hunter-Lab	64.6062, 6.1974, -37.1735

Details

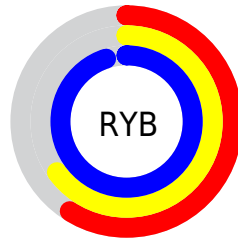
The Hex color **97AAF2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F2DF97**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D0E1FF**, and **6076BA** is the 20% darker color. If you saturate the color by 10%, you get **7F97F2**, and if you desaturate by 10%, it is **AFBDF2**.

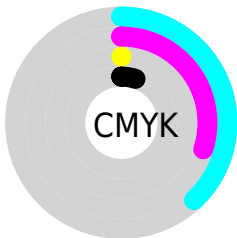
Distribution



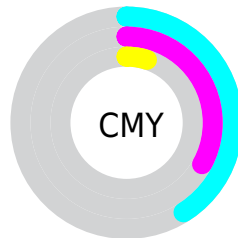
- Red (59%)
- Green (67%)
- Blue (95%)



- Red (59%)
- Yellow (65%)
- Blue (95%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97AAF2 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 97AAF2 by changing the saturation by 10% instead.

■ 97AAF2

■ 97AAF2

FFFFFF

■ 7B90D5

■ D0E1FF

■ 6076BA

■ EDFEFF

■ 455E9E

■ 284684

■ 00306A

■ 001C52

■ 00003B

■ 000224

■ 00000C

 97AAF2

 97AAF2

 7F97F2

 AFBDF2

 6784F2

 C7D0F2

 4E71F2

 E0E3F2

 365DF2

 F8F7F2

 1E4AF2

 FFFFF2

 0637F2

 0033F2

Harmonies

Analogous

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



57B6F2



97AAF2



C99DE0

Triad

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



97AAF2



EB997B



5ABF9A

Complementary

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



97AAF2



F2DF97

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.



89BA79



97AAF2



D3A567

Square

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



97AAF2



F3919B



B2B166



1BC0BF

Rectangle

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



97AAF2



E095CB



B2B166



6BBE8E

Sweetspot

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



97AAF2



E3E9FF



97F2DE



6F7280



000000



808080

Same Dimension

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



97AAF2



8CA4FF



B197F2



6C6E78



0026B8



000C38

Inverse Universe

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



F297AA



FF8CA4



D8F297



786C6E



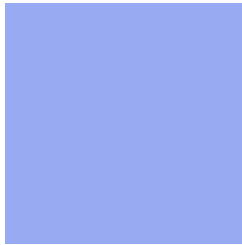
B80026



38000C

Previews

White Background



This preview shows how the Hex color 97AAF2 looks on a white background.

Color Contrast Check

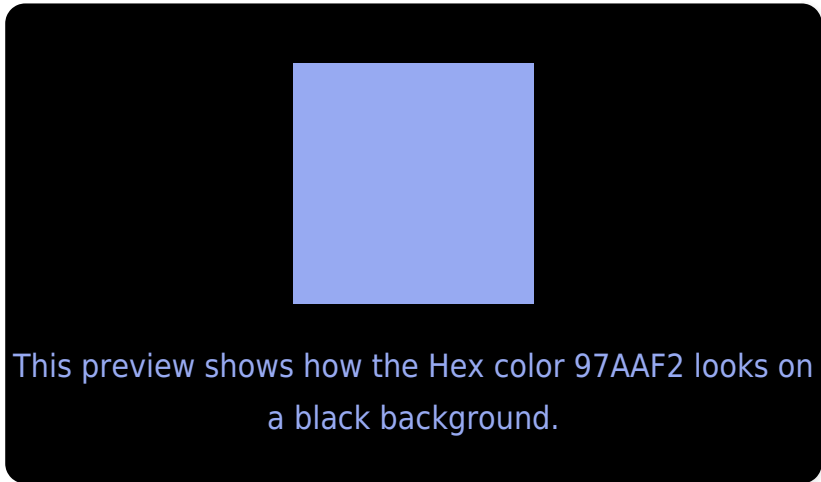
Large Text (above 18pt) WCAG AA × Fail

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

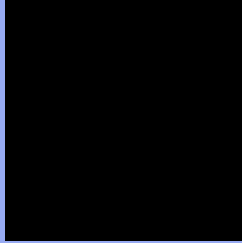
Any Text WCAG AA ✓ Pass

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 97AAF2 Background



This preview shows how black text looks on a background with the Hex color 97AAF2.



This preview shows how white text looks on a background with the Hex color 97AAF2.

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](#).

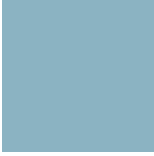
Dichromacy



Original Color
97AAF2

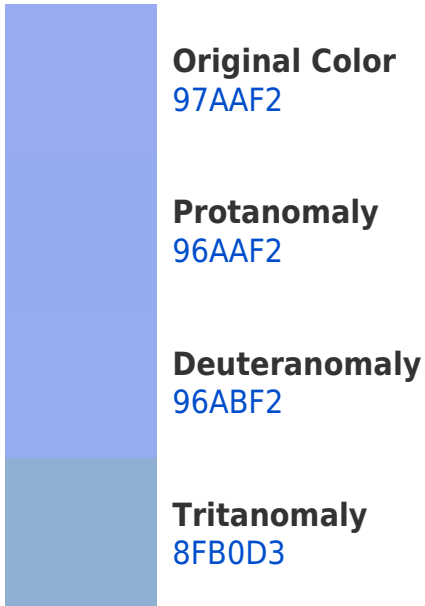
Protanopia
96AAF2

Deuteranopia
95ABF2

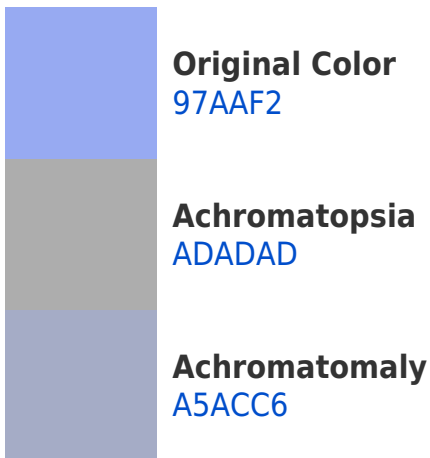


Tritanopia
8BB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97AAF2 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 #97AAF2 looks like.

```
.text, #text, p{  
    color:#97AAF2  
}
```

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 #97AAF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AAF2
}
```

Border

The CSS property to change the border of an element to Hex 97AAF2 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
#97AAF2 }
```

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

```
.border{ border-color:#97AAF2 }
```

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

Here you see how a box with a 4 pixel #97AAF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AAF2; -webkit-box-shadow:4px 4px  
4px 4px #97AAF2; box-shadow:4px 4px 4px  
4px #97AAF2 }
```

Background

The CSS property to change the background color of an element to Hex 97AAF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AAF2 }
```

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

```
.background{ background-color:#97AAF2 }
```

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