

Converting Colors

Hex(97AFFF)

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

| | |
|--|----|
| Hex(97AFFF) | 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(97AFFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97AFFF |
| RGB | 151, 175, 255 |
| RGB Percent | 59%, 69%, 100% |
| CMY | 0.4078, 0.3137, 0.0000 |
| CMYK | 0.41, 0.31, 0.00, 0.00 |
| HSL | 226°, 100%, 80% |
| HSV | 226°, 41%, 100% |
| XYZ | 46.1425, 44.4593, 100.7573 |
| YIQ | 176.9440, -39.9840, 19.7920 |

Conversions

Conversions Part 2

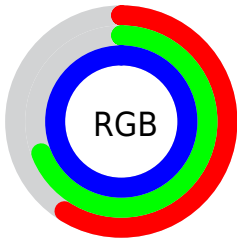
| Format | Color |
|-------------------------------------|---|
| RYB | 151, 171, 255 |
| Decimal | 9940991 |
| CIELab | 72.53, 11.35, -42.25 |
| CIElCh | 73, 43.749, 285.042 |
| Yxy | 44.4593, 0.2411, 0.2323 |
| Android (android.graphics.Color) | 4288131071 (0xFF97AFFF) |
| YUV | 176.9440, 38.4816, -22.7529 |
| Hunter-Lab | 66.6778, 6.8398, -42.9191 |

Details

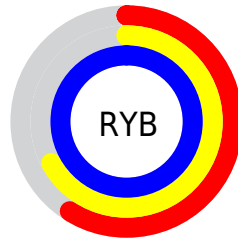
The Hex color **97AFFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE797**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D0E6FF**, and **5F7BC6** is the 20% darker color. If you saturate the color by 10%, you get **7E9BFF**, and if you desaturate by 10%, it is **B1C3FF**.

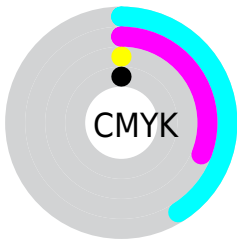
Distribution



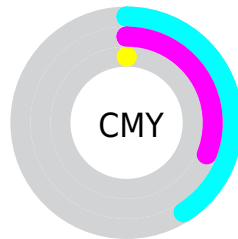
- Red (59%)
- Green (69%)
- Blue (100%)



- Red (59%)
- Yellow (67%)
- Blue (100%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 97AFFF

 97AFFF

FFFFFF

 7B94E2

 D0E6FF

 5F7BC6

 EEEFFF

 4262AA

 224B90

 003476

 00205C

 000844

 00032D

 000118

 97AFFF

 97AFFF

 7E9BFF


 B1C3FF

 6488FF

 CAD6FF

 4B74FF

 E4EAFF

 3161FF

 FDFDFF

 184DFF

FFFFFF

 003BFF

Harmonies

Analogous

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



48BCFF



97AFFF



CFA0EB

Triad

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



97AFFF



F69B7B



54C69C

Complementary

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



97AFFF



FFE797

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.



8BC078



97AFFF



DDA964

Square

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



97AFFF



FF929F



B7B663



00C7C5

Rectangle

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



97AFFF



EA97D4



B7B663



68C48F

Sweetspot

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



97AFFF



E0E7FF



97FFE7



6E7280



000000



808080

Same Dimension

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



97AFFF



829FFF



B397FF



737680



002CBF



000F40

Inverse Universe

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



FF97AF



FF829F



E3FF97



807376



BF002C



40000F

Previews

White Background



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

Color Contrast Check

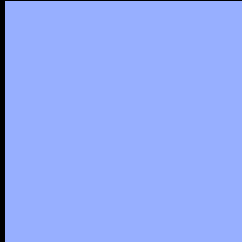
Large Text (above 18pt) WCAG AA × Fail

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 97AFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

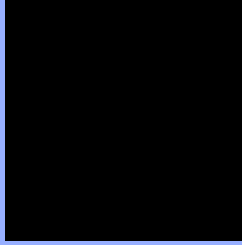
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

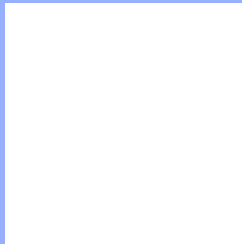
Any Text WCAG AAA ✓ Pass

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

Hex 97AFFF Background



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



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

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](#).

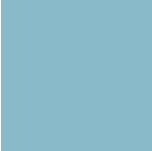
Dichromacy



Original Color
97AFFF

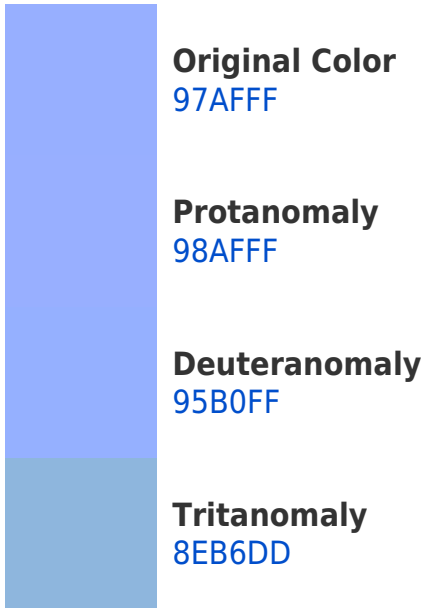
Protanopia
98AFFF

Deuteranopia
94B0FF

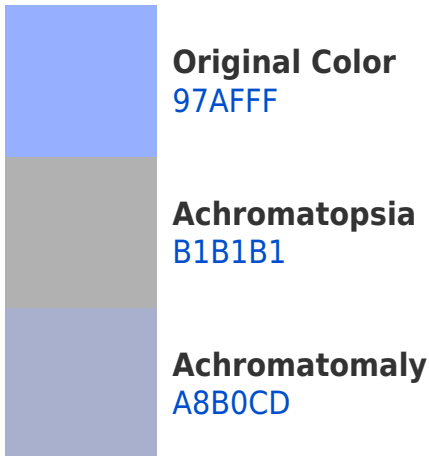


Tritanopia
89BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #97AFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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