

# Converting Colors

Hex(97A6FF)

Have a look what the booklet for  
Hex(97A6FF) contains.

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# **Color**

**Hex(97A6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97A6FF
RGB	151, 166, 255
RGB Percent	59%, 65%, 100%
CMY	0.4078, 0.3490, 0.0000
CMYK	0.41, 0.35, 0.00, 0.00
HSL	231°, 100%, 80%
HSV	231°, 41%, 100%
XYZ	44.4487, 41.0717, 100.1927
YIQ	171.6610, -37.5090, 24.4990

# Conversions

## Conversions Part 2

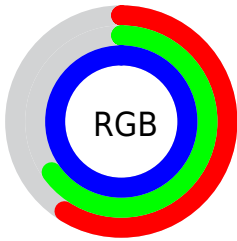
Format	Color
<a href="#">RYB</a>	<a href="#">151, 164, 255</a>
Decimal	<a href="#">9938687</a>
CIELab	<a href="#">70.23, 16.44, -45.87</a>
CIELCh	<a href="#">70, 48.721, 289.715</a>
Yxy	<a href="#">41.0717, 0.2393, 0.2212</a>
Android (android.graphics.Color)	<a href="#">4288128767 (0xFF97A6FF)</a>
YUV	<a href="#">171.6610, 41.0861, -18.1197</a>
Hunter-Lab	<a href="#">64.0872, 11.6488, -47.8317</a>

# Details

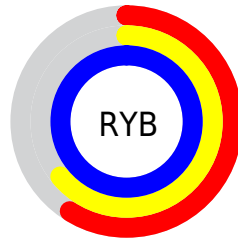
The Hex color **97A6FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF097**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D0DDFF**, and **5F72C6** is the 20% darker color. If you saturate the color by 10%, you get **7E90FF**, and if you desaturate by 10%, it is **B1BCFF**.

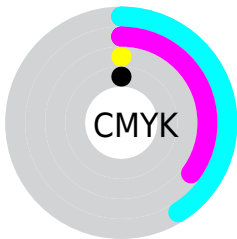
# Distribution



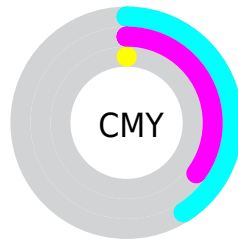
- Red (59%)
- Green (65%)
- Blue (100%)



- Red (59%)
- Yellow (64%)
- Blue (100%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97A6FF 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 97A6FF by changing the saturation by 10% instead.



 97A6FF

 97A6FF

FFFFFF

 7B8CE2

 D0DDFF

 5F72C6

 EEF9FF

 425AAA

 22438F

 002D75

 00195C

 000044

 00032D

 000117

 97A6FF

 97A6FF

 7E90FF

 B1BCFF

 647AFF

 CAD2FF

 4B65FF

 E4E7FF

 314FFF

 FDFDFF

 1839FF

FFFFFF

 0025FF

# Harmonies

## Analogous

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



31B5FF



97A6FF



D495E5

# Triad

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



97A6FF



F2946A



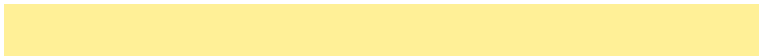
25C19A

# Complementary

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



97A6FF



FFF097

# 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.



76BC70



97A6FF



D4A453

# Square

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



97A6FF



FF8890



AAB255



00C2C8

# Rectangle

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



97A6FF



EE8CCB



AAB255



49C08B



# Sweetspot

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



97A6FF



E0E5FF



97FFEF



6E7080



000000



808080



# Same Dimension

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



97A6FF



8294FF



BB97FF



737580



001CBF



000940



# Inverse Universe

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



FF97A6



FF8294



DBFF97



807375



BF001C



400009



# Previews

## White Background



This preview shows how the Hex color 97A6FF looks on a white background.

## Color Contrast Check

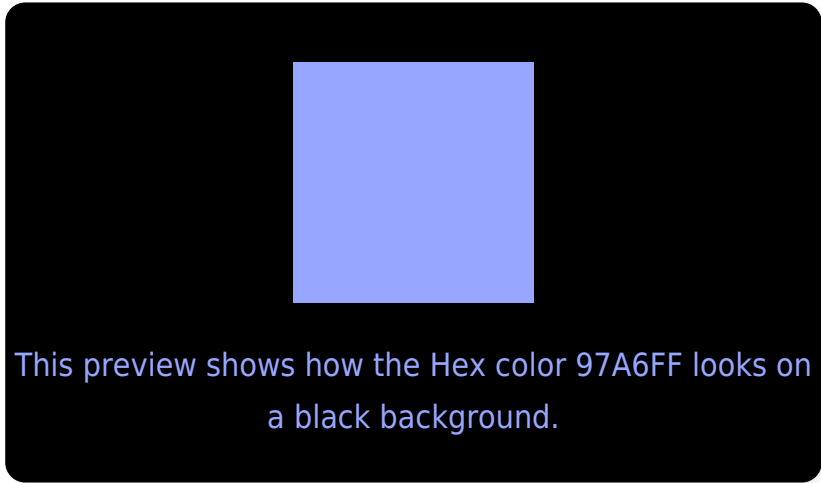
Large Text (above 18pt) WCAG AA × Fail

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

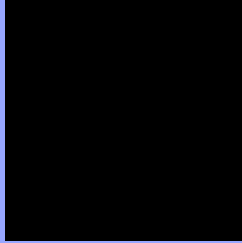
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97A6FF Background



This preview shows how black text looks on a background with the Hex color 97A6FF.



This preview shows how white text looks on a background with the Hex color 97A6FF.

# 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**  
97A6FF

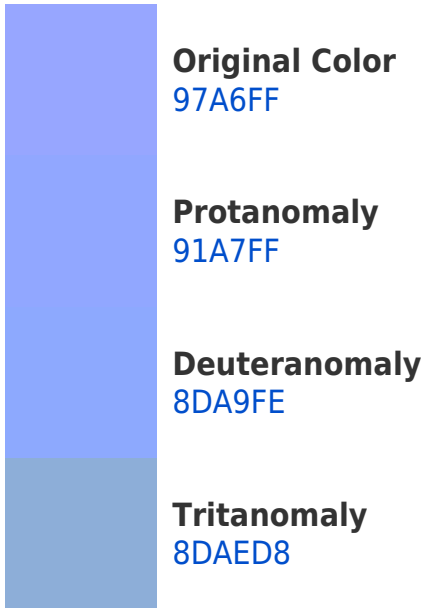
**Protanopia**  
8EA8FF

**Deuteranopia**  
87AAFE

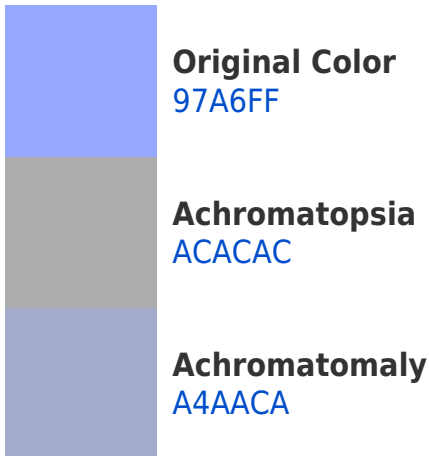


**Tritanopia**  
87B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97A6FF 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 #97A6FF looks like.

```
.text, #text, p{  
    color:#97A6FF  
}
```

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 #97A6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A6FF
}
```

## Border

The CSS property to change the border of an element to Hex 97A6FF 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
#97A6FF }
```

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

```
.border{ border-color:#97A6FF }
```

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

Here you see how a box with a 4 pixel #97A6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A6FF; -webkit-box-shadow:4px 4px  
4px 4px #97A6FF; box-shadow:4px 4px 4px  
4px #97A6FF }
```

# Background

The CSS property to change the background color of an element to Hex 97A6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A6FF }
```

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

```
.background{ background-color:#97A6FF }
```

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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