

Converting Colors

Hex(96A3FF)

Have a look what the booklet for
Hex(96A3FF) contains.

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Color

Hex(96A3FF)

Conversions

Conversions Part 1

Format	Color
Hex	96A3FF
RGB	150, 163, 255
RGB Percent	59%, 64%, 100%
CMY	0.4118, 0.3608, 0.0000
CMYK	0.41, 0.36, 0.00, 0.00
HSL	233°, 100%, 79%
HSV	233°, 41%, 100%
XYZ	43.7249, 39.8984, 100.0044
YIQ	169.6010, -37.2800, 25.8560

Conversions

Conversions Part 2

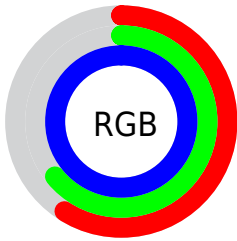
Format	Color
RYB	150, 162, 255
Decimal	9872383
CIELab	69.40, 17.89, -47.17
CIELCh	69, 50.451, 290.770
Yxy	39.8984, 0.2381, 0.2173
Android (android.graphics.Color)	4288062463 (0xFF96A3FF)
YUV	169.6010, 42.1017, -17.1901
Hunter-Lab	63.1652, 13.0240, -49.6534

Details

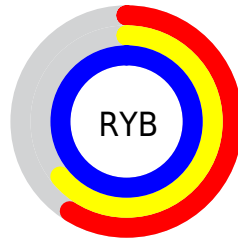
The Hex color **96A3FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF296**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D0DAFF**, and **5E70C6** is the 20% darker color. If you saturate the color by 10%, you get **7D8DFF**, and if you desaturate by 10%, it is **B0B9FF**.

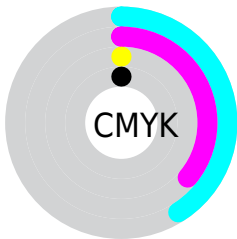
Distribution



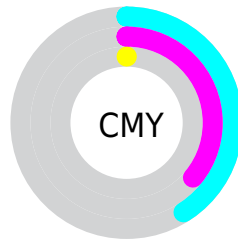
- Red (59%)
- Green (64%)
- Blue (100%)



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



- Cyan (41%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A3FF 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 96A3FF by changing the saturation by 10% instead.

 96A3FF

 96A3FF

FFFFFF

 7A89E2

 D0DAFF

 5E70C6

 EDF6FF

 4157AA

 1F408F

 002B75

 00175C

 000044

 00032D

 000117

 96A3FF

 96A3FF

 7D8DFF

 B0B9FF

 6376FF

 C9D0FF

 4A60FF

 E3E6FF

 304AFF

 FCFCFF

 1733FF

FFFFFF

 0020FF

Harmonies

Analogous

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



23B2FF



96A3FF



D491E4

Triad

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



96A3FF



F19164



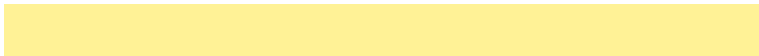
00C099

Complementary

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



96A3FF



FFF296

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.



6FBB6D



96A3FF



D1A24D

Square

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



96A3FF



FF858C



A5B150



00C1C8

Rectangle

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



96A3FF



EE87C9



A5B150



3DBF8A

Sweetspot

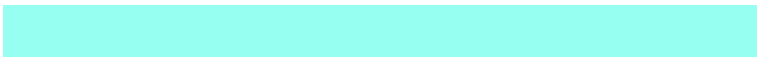
The Sweet Spot groups the original color and five complimentary colors.



96A3FF



E0E4FF



96FFF1



6E7080



000000



808080

Same Dimension

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



96A3FF



8292FF



BC96FF



737480



0018BF



000840

Inverse Universe

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



FF96A3



FF8292



D9FF96



807374



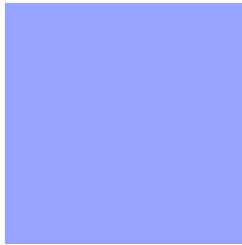
BF0018



400008

Previews

White Background



This preview shows how the Hex color 96A3FF looks on a white background.

Color Contrast Check

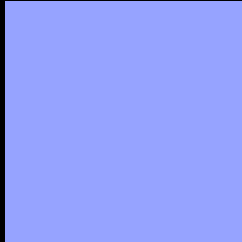
Large Text (above 18pt) WCAG AA × Fail

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 96A3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

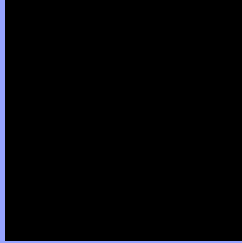
Any Text WCAG AA ✓ Pass

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 96A3FF Background



This preview shows how black text looks on a background with the Hex color 96A3FF.

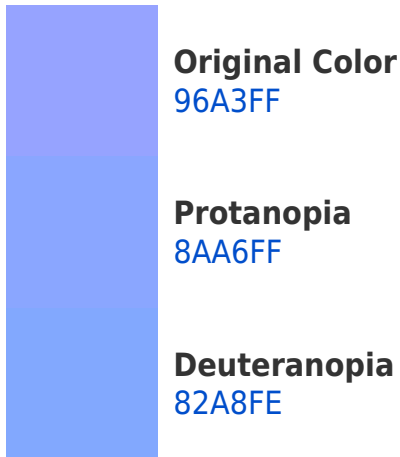


This preview shows how white text looks on a background with the Hex color 96A3FF.

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](#).

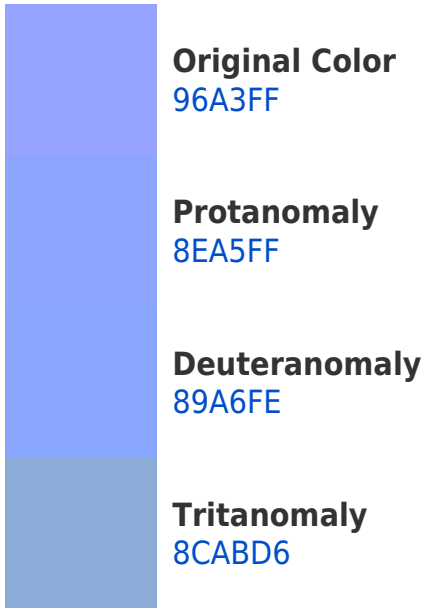
Dichromacy



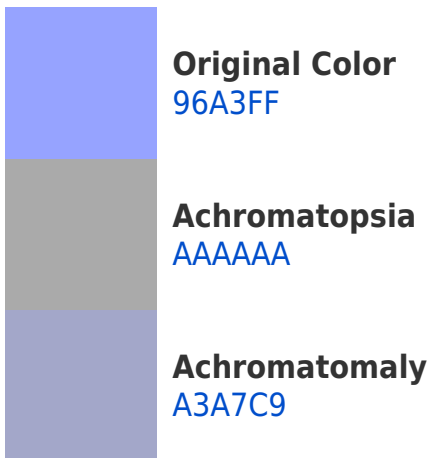


Tritanopia
86B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A3FF 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 #96A3FF looks like.

```
.text, #text, p{  
    color:#96A3FF  
}
```

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 #96A3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A3FF
}
```

Border

The CSS property to change the border of an element to Hex 96A3FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

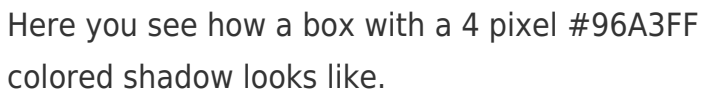
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96A3FF }
```

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

```
.border{ border-color:#96A3FF }
```

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



Here you see how a box with a 4 pixel #96A3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A3FF; -webkit-box-shadow:4px 4px  
4px 4px #96A3FF; box-shadow:4px 4px 4px  
4px #96A3FF }
```

Background

The CSS property to change the background color of an element to Hex 96A3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A3FF }
```

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

```
.background{ background-color:#96A3FF }
```

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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