

Converting Colors

Hex(96A9FF)

Have a look what the booklet for
Hex(96A9FF) contains.

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Color

Hex(96A9FF)

Conversions

Conversions Part 1

Format	Color
Hex	96A9FF
RGB	150, 169, 255
RGB Percent	59%, 66%, 100%
CMY	0.4118, 0.3373, 0.0000
CMYK	0.41, 0.34, 0.00, 0.00
HSL	229°, 100%, 79%
HSV	229°, 41%, 100%
XYZ	44.8156, 42.0800, 100.3679
YIQ	173.1230, -38.9300, 22.7180

Conversions

Conversions Part 2

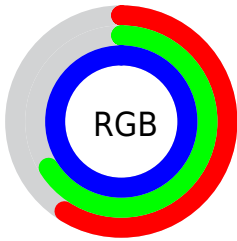
Format	Color
RYB	150, 166, 255
Decimal	9873919
CIELab	70.93, 14.48, -44.77
CIElCh	71, 47.056, 287.927
Yxy	42.0800, 0.2393, 0.2247
Android (android.graphics.Color)	4288063999 (0xFF96A9FF)
YUV	173.1230, 40.3654, -20.2789
Hunter-Lab	64.8691, 9.7982, -46.3274

Details

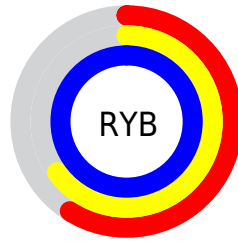
The Hex color **96A9FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFEC96**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CFE0FF**, and **5E75C6** is the 20% darker color. If you saturate the color by 10%, you get **7D94FF**, and if you desaturate by 10%, it is **B0BEFF**.

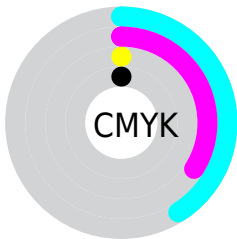
Distribution



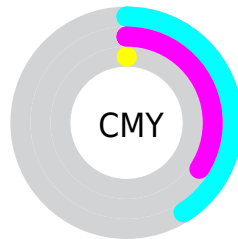
- Red (59%)
- Green (66%)
- Blue (100%)



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



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A9FF 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 96A9FF by changing the saturation by 10% instead.

 96A9FF

 96A9FF

FFFFFF

 7A8FE2

 CFE0FF

 5E75C6

 EDFDFF

 415DAA

 20458F

 003075

 001C5C

 000044

 00032D

 000117

 96A9FF

 96A9FF

 7D94FF

 B0BEFF

 637FFF

 C9D3FF

 4A6AFF

 E3E8FF

 3055FF

 FCFDFF

 1741FF

FFFFFF

 002EFF

Harmonies

Analogous

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



38B7FF



96A9FF



D299E7

Triad

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



96A9FF



F49670



3AC39A

Complementary

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



96A9FF



FFEC96

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.



7EBD72



96A9FF



D7A559

Square

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



96A9FF



FF8B95



AEB359



00C4C7

Rectangle

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



96A9FF



EC8FCF



AEB359



55C18C

Sweetspot

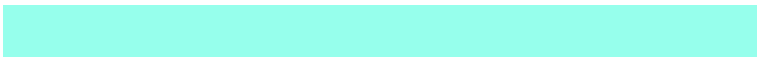
The Sweet Spot groups the original color and five complimentary colors.



96A9FF



E0E6FF



96FFEC



6E7180



000000



808080

Same Dimension

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



96A9FF



8299FF



B796FF



737580



0023BF



000C40

Inverse Universe

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



FF96A9



FF8299



DEFF96



807375



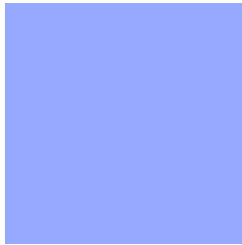
BF0023



40000C

Previews

White Background



This preview shows how the Hex color 96A9FF looks on a white background.

Color Contrast Check

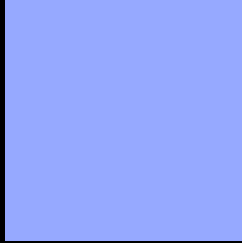
Large Text (above 18pt) WCAG AA × Fail

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 96A9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

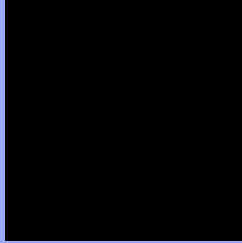
Any Text WCAG AA ✓ Pass

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 96A9FF Background



This preview shows how black text looks on a background with the Hex color 96A9FF.



This preview shows how white text looks on a background with the Hex color 96A9FF.

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
96A9FF

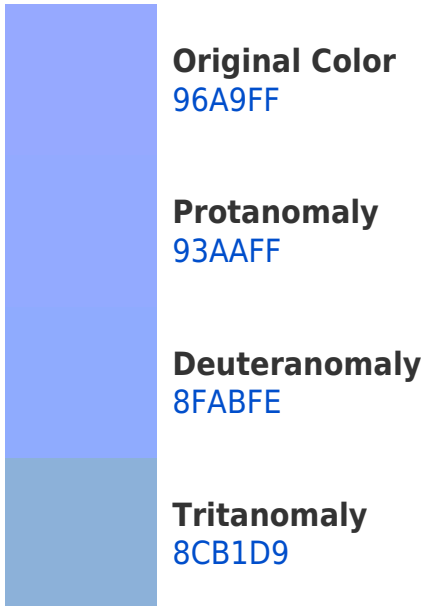
Protanopia
91A9FF

Deuteranopia
8BACFE

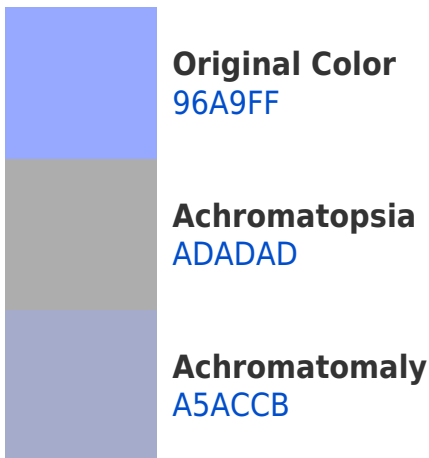


Tritanopia
87B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A9FF 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 #96A9FF looks like.

```
.text, #text, p{  
    color:#96A9FF  
}
```

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 #96A9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A9FF
}
```

Border

The CSS property to change the border of an element to Hex 96A9FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

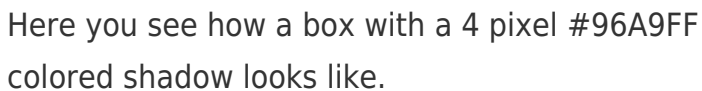
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96A9FF }
```

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

```
.border{ border-color:#96A9FF }
```

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



Here you see how a box with a 4 pixel #96A9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A9FF; -webkit-box-shadow:4px 4px  
4px 4px #96A9FF; box-shadow:4px 4px 4px  
4px #96A9FF }
```

Background

The CSS property to change the background color of an element to Hex 96A9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A9FF }
```

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

```
.background{ background-color:#96A9FF }
```

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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