

Converting Colors

Hex(96AAFA)

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

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Color

Hex(96AAFA)

Conversions

Conversions Part 1

Format	Color
Hex	96AAFA
RGB	150, 170, 250
RGB Percent	59%, 67%, 98%
CMY	0.4118, 0.3333, 0.0196
CMYK	0.40, 0.32, 0.00, 0.02
HSL	228°, 91%, 78%
HSV	228°, 40%, 98%
XYZ	44.2077, 42.1356, 96.2455
YIQ	173.1400, -37.6000, 20.6400

Conversions

Conversions Part 2

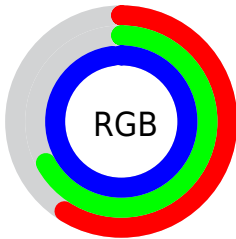
Format	Color
R _Y B	150, 167, 250
Decimal	9874170
CIE Lab	70.96, 12.55, -42.00
CIE LCh	71, 43.839, 286.637
Yxy	42.1356, 0.2421, 0.2308
Android (android.graphics.Color)	4288064250 (0xFF96AAFA)
YUV	173.1400, 37.8920, -20.2938
Hunter-Lab	64.9119, 7.9700, -42.4714

Details

The Hex color **96AAFA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAE696**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CFE1FF**, and **5E76C1** is the 20% darker color. If you saturate the color by 10%, you get **7D96FA**, and if you desaturate by 10%, it is **AFBEFA**.

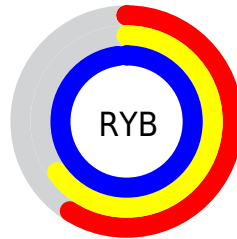
Distribution



Red (59%)

Green (67%)

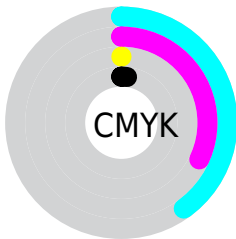
Blue (98%)



Red (59%)

Yellow (65%)

Blue (98%)

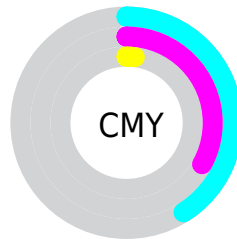


Cyan (40%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (41%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

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

 96AAFA

 96AAFA

FFFFFF

 7A90DD

 CFE1FF

 5E76C1

 ECFEFF

 425EA6

 23468B

 003071

 001C58

 000040

 00032A

 000114

 96AAFA

 96AAFA

 7D96FA

 AFBEFA

 6482FA

 C8D2FA

 4B6EFA

 E1E6FA

 325AFA

 FAFAFA

 1946FA

 FFFFA

 0032FA

Harmonies

Analogous

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



47B7FB



96AAFA



CE9BE5

Triad

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



96AAFA



F19775



4BC19A

Complementary

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



96AAFA



FAE696

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.



84BC75



96AAFA



D6A560

Square

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



96AAFA



FB8E99



B1B25F



00C3C3

Rectangle

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



96AAFA



E793CE



B1B25F



60C08D

Sweetspot

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



96AAFA



E0E7FF



96FAE6



6E7180



000000



808080

Same Dimension

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



96AAFA



859DFF



B496FA



70737D



0026BD



000C3D

Inverse Universe

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



FA96AA



FF859D



DCFA96



7D7073



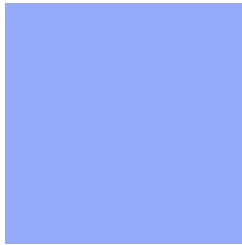
BD0026



3D000C

Previews

White Background



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

Color Contrast Check

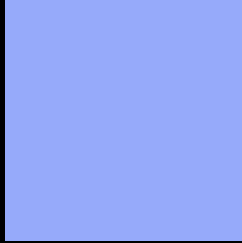
Large Text (above 18pt) WCAG AA × Fail

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 96AAFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

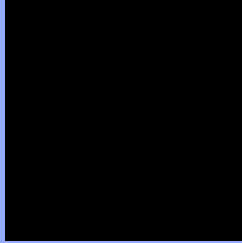
Any Text WCAG AA ✓ Pass

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 96AAFA Background



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



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

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](#).

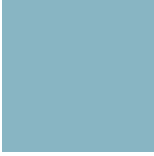
Dichromacy



Original Color
96AAFA

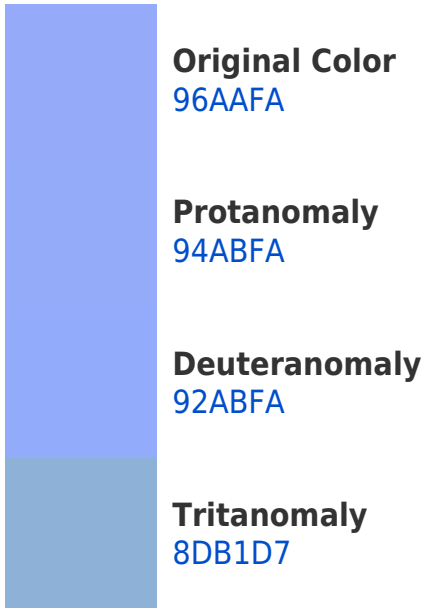
Protanopia
93ABFA

Deuteranopia
8FACFA

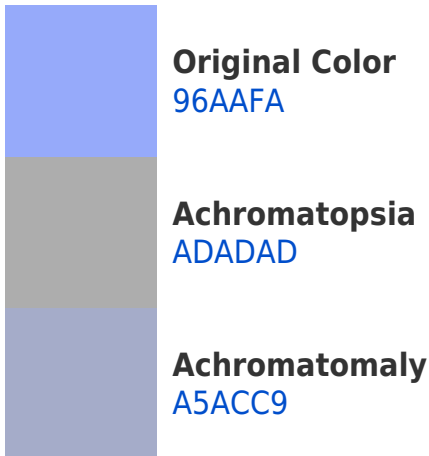


Tritanopia
88B5C3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #96AAFA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 96AAFA 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
#96AAFA }
```

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

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

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

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

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

Background

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

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

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

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

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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