

# Converting Colors

Hex(8FAAFF)

Have a look what the booklet for  
Hex(8FAAFF) contains.

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# Color

**Hex(8FAAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FAAFF
RGB	143, 170, 255
RGB Percent	56%, 67%, 100%
CMY	0.4392, 0.3333, 0.0000
CMYK	0.44, 0.33, 0.00, 0.00
HSL	226°, 100%, 78%
HSV	226°, 44%, 100%
XYZ	43.7524, 41.8091, 100.3717
YIQ	171.6170, -43.3770, 20.7110

# Conversions

## Conversions Part 2

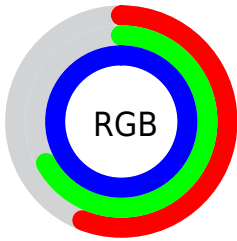
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 165, 255</a>
Decimal	<a href="#">9415423</a>
CIELab	<a href="#">70.74, 12.19, -45.10</a>
CIElCh	<a href="#">71, 46.714, 285.123</a>
Yxy	<a href="#">41.8091, 0.2353, 0.2249</a>
Android (android.graphics.Color)	<a href="#">4287605503 (0xFF8FAAFF)</a>
YUV	<a href="#">171.6170, 41.1078, -25.0971</a>
Hunter-Lab	<a href="#">64.6599, 7.6278, -46.7740</a>

# Details

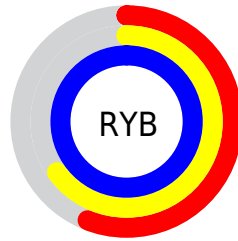
The Hex color **8FAAFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE48F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C9E1FF**, and **5676C6** is the 20% darker color. If you saturate the color by 10%, you get **7697FF**, and if you desaturate by 10%, it is **A9BDFF**.

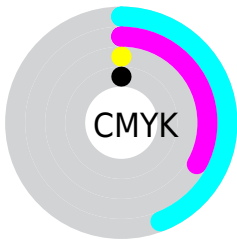
# Distribution



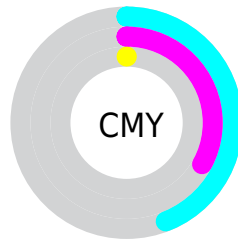
- Red (56%)
- Green (67%)
- Blue (100%)



- Red (56%)
- Yellow (65%)
- Blue (100%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FAAFF 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 8FAAFF by changing the saturation by 10% instead.



■ 8FAAFF

■ 8FAAFF

FFFFFF

■ 7390E2

■ C9E1FF

■ 5676C6

■ E6FEFF

■ 385EAA

■ 10468F

■ 003175

■ 001D5C

■ 000144

■ 00032D

■ 000117

 8FAAFF

 8FAAFF

 7697FF

 A9BDFE

 5C83FF

 C2D1FF

 4270FF

 DCE4FF

 295DFF

 F5F7FF

 1049FF

FFFFFF

 003DFF

# Harmonies

## Analogous

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



2BB8FF



8FAAFF



CC9AE9

# Triad

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



8FAAFF



F59473



43C296

# Complementary

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



8FAAFF



FFE48F

# 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.



82BC6F



8FAAFF



D9A35A

# Square

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



8FAAFF



FE8B99



B2B158



00C3C2

# Rectangle

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



8FAAFF



E890D2



B2B158



5CC088



# Sweetspot

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



8FAAFF



DEE6FF



8FFFE3



6B7080



000000



808080



# Same Dimension

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



8FAAFF



7898FF



AB8FFF



737680



002EBF



000F40



# Inverse Universe

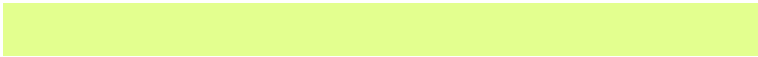
The Inverse Universe completely reimagines the original color for something new.



FF8FAA



FF7898



E3FF8F



807376



BF002E

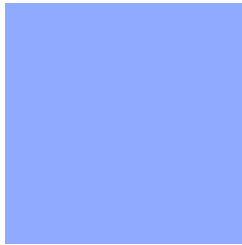


40000F



# Previews

## White Background



This preview shows how the Hex color 8FAAFF looks on a white background.

## Color Contrast Check

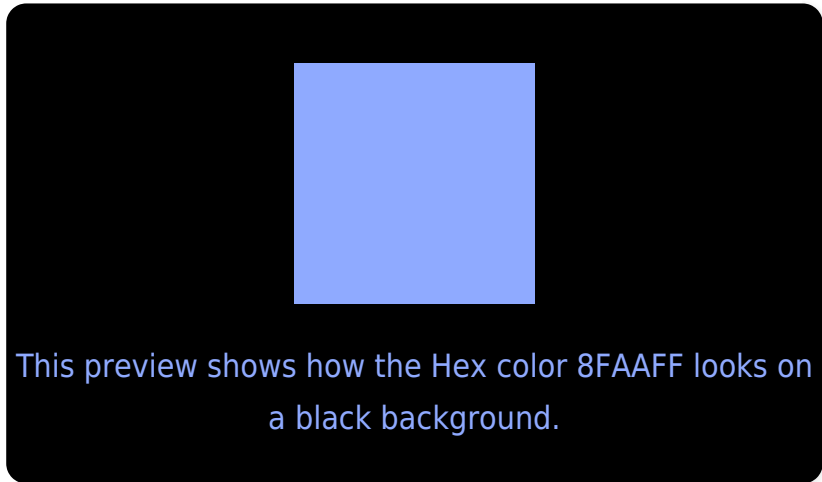
Large Text (above 18pt) WCAG AA × Fail

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

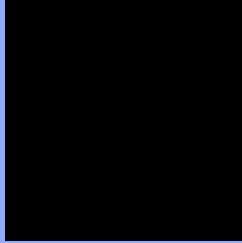
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FAAFF Background



This preview shows how black text looks on a background with the Hex color 8FAAFF.



This preview shows how white text looks on a background with the Hex color 8FAAFF.

# 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](#).

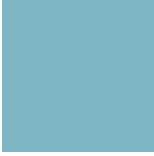
## Dichromacy



**Original Color**  
8FAAFF

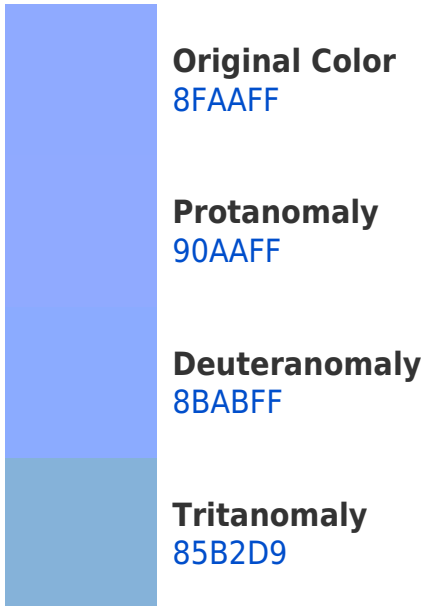
**Protanopia**  
90AAFF

**Deuteranopia**  
89ACFF

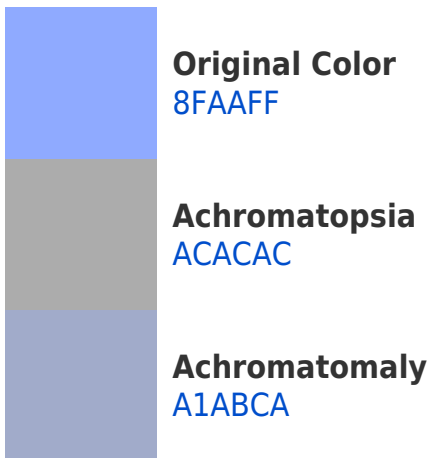


**Tritanopia**  
7FB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FAAFF 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 #8FAAFF looks like.

```
.text, #text, p{  
    color:#8FAAFF  
}
```

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 #8FAAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FAAFF
}
```

## Border

The CSS property to change the border of an element to Hex 8FAAFF 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
#8FAAFF }
```

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

```
.border{ border-color:#8FAAFF }
```

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

Here you see how a box with a 4 pixel #8FAAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FAAFF; -webkit-box-shadow:4px 4px  
4px 4px #8FAAFF; box-shadow:4px 4px 4px  
4px #8FAAFF }
```

# Background

The CSS property to change the background color of an element to Hex 8FAAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FAAFF }
```

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

```
.background{ background-color:#8FAAFF }
```

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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