

# Converting Colors

Hex(8BAAFF)

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

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# **Color**

**Hex(8BAAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BAAFF
RGB	139, 170, 255
RGB Percent	55%, 67%, 100%
CMY	0.4549, 0.3333, 0.0000
CMYK	0.45, 0.33, 0.00, 0.00
HSL	224°, 100%, 77%
HSV	224°, 45%, 100%
XYZ	43.0722, 41.4584, 100.3399
YIQ	170.4210, -45.7610, 19.8630

# Conversions

## Conversions Part 2

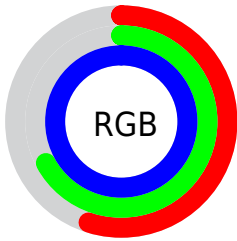
Format	Color
<a href="#">RYB</a>	139, 163, 255
Decimal	9153279
CIELab	70.50, 11.22, -45.50
CIELCh	70, 46.859, 283.859
Yxy	41.4584, 0.2330, 0.2243
Android (android.graphics.Color)	4287343359 (0xFF8BAAFF)
YUV	170.4210, 41.6974, -27.5562
Hunter-Lab	64.3882, 6.7274, -47.3233

# Details

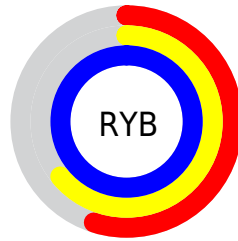
The Hex color **8BAAFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE08B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C5E1FF**, and **5176C6** is the 20% darker color. If you saturate the color by 10%, you get **7297FF**, and if you desaturate by 10%, it is **A4BDFF**.

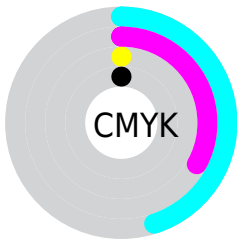
# Distribution



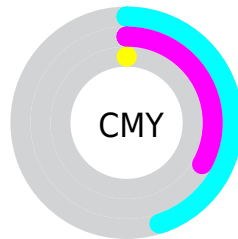
- Red (55%)
- Green (67%)
- Blue (100%)



- Red (55%)
- Yellow (64%)
- Blue (100%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 8BAAFF

 8BAAFF

FFFFFF

 6E90E2

 C5E1FF

 5176C6

 E2FEFF

 325EAA

 00478F

 003175

 001D5C

 000144

 00032D

 000117

 8BAAFF

 8BAAFF

 7297FF

 A4BDFF

 5885FF

 BECFFF

 3E72FF


 D8E2FF

 255FFF

 F1F5FF

 0B4DFF

FFFFFF

 0044FF

# Harmonies

## Analogous

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



1FB7FE



8BAAFF



CA9AEA

# Triad

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



8BAAFF



F59373



45C193

# Complementary

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



8BAAFF



FFE08B

# 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.



84BB6D



8BAAFF



DAA25A

# Square

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



8BAAFF



FE8A9A



B3B057



00C2BF

# Rectangle

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



8BAAFF



E690D3



B3B057



5DBF85



# Sweetspot

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



8BAAFF



DBE5FF



8BFFDE



6A7080



000000



808080



# Same Dimension

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



8BAAFF



7398FF



A48BFF



737680



0033BF



001140



# Inverse Universe

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



FF8BAA



FF7398



E6FF8B



807376



BF0033



400011



# Previews

## White Background



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

## Color Contrast Check

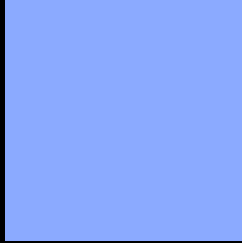
Large Text (above 18pt) WCAG AA × Fail

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 8BAAFF 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

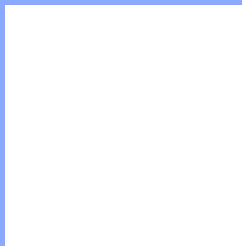
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BAAFF Background



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



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

# 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](#).

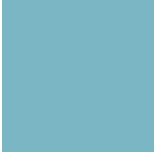
## Dichromacy



**Original Color**  
8BAAFF

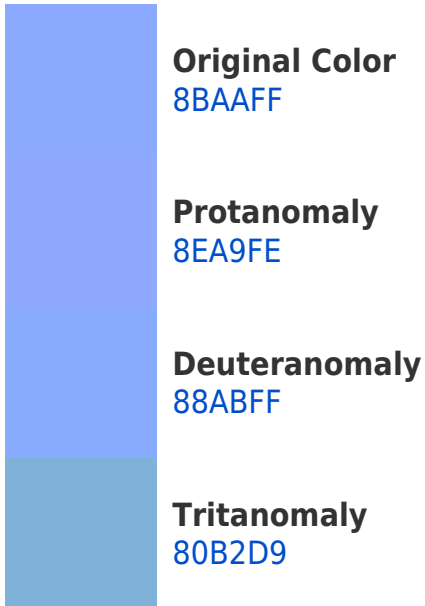
**Protanopia**  
8FA9FE

**Deuteranopia**  
87ABFF

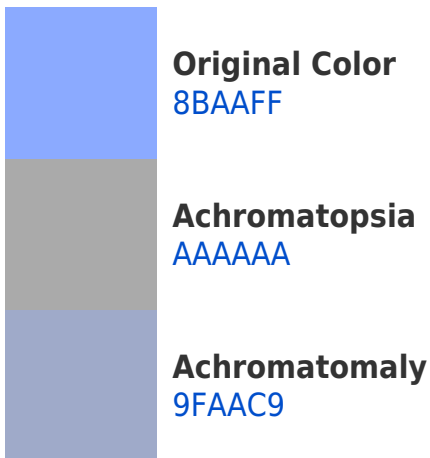


**Tritanopia**  
7AB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8BAAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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