

# Converting Colors

Hex(8DBAFF)

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

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# **Color**

**Hex(8DBAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DBAFF
RGB	141, 186, 255
RGB Percent	55%, 73%, 100%
CMY	0.4471, 0.2706, 0.0000
CMYK	0.45, 0.27, 0.00, 0.00
HSL	216°, 100%, 78%
HSV	216°, 45%, 100%
XYZ	46.5934, 48.0005, 101.4170
YIQ	180.4110, -48.9690, 11.9190

# Conversions

## Conversions Part 2

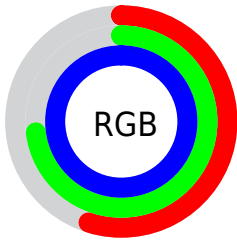
Format	Color
R <sub>Y</sub> B	141, 173, 255
Decimal	9288447
CIE Lab	74.83, 2.76, -38.72
CIE LCh	75, 38.823, 274.071
Yxy	48.0005, 0.2377, 0.2449
Android (android.graphics.Color)	4287478527 (0xFF8DBAFF)
YUV	180.4110, 36.7724, -34.5634
Hunter-Lab	69.2824, -1.2004, -38.2922

# Details

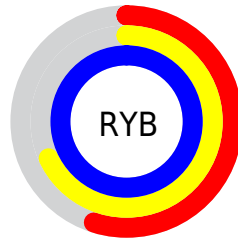
The Hex color **8DBAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD28D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C7F2FF**, and **5485C6** is the 20% darker color. If you saturate the color by 10%, you get **74ABFF**, and if you desaturate by 10%, it is **A7C9FF**.

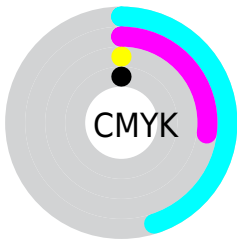
# Distribution



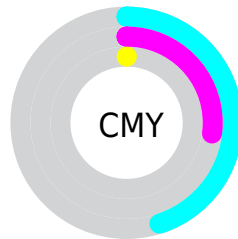
- Red (55%)
- Green (73%)
- Blue (100%)



- Red (55%)
- Yellow (68%)
- Blue (100%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 8DBAFF

 8DBAFF

FFFFFF


 719FE2

 C7F2FF

 5485C6

 E4FFFF

 356CAA

 095490

 003D76

 00285D

 001445

 00042E

 000118

■ 8DBAFF

■ 8DBAFF

■ 74ABFF

■ A7C9FF

■ 5A9BFF

■ C0D9FF

■ 418CFF

■ DAE8FF

■ 277CFF

■ F3F8FF

■ 0E6DFF

FFFFFF

■ 0065FF

# Harmonies

## Analogous

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



50C4F8



8DBAFF



C3ADF3

# Triad

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



8DBAFF



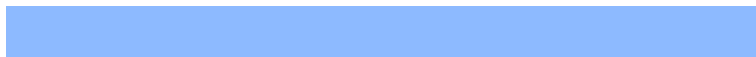
FCA192



7AC998

# Complementary

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



8DBAFF



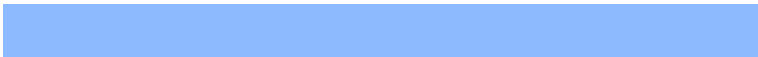
FFD28D

# 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.



A5C27C



8DBAFF



EAAB79

# Square

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



8DBAFF



FC9CB5



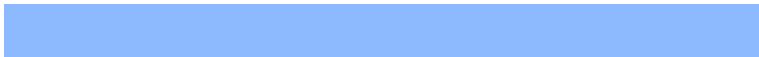
CBB870



4ACBBC

# Rectangle

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



8DBAFF



DFA5E3



CBB870

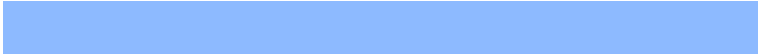


89C78D



# Sweetspot

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



8DBAFF



DEEBFF



8DFFD1



6B7380



000000



808080

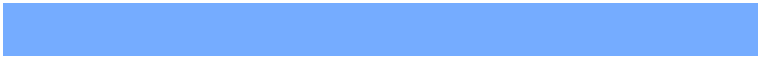


# Same Dimension

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



8DBAFF



75ACFF



988DFF



737880



004BBF



001940



# Inverse Universe

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



FF8DBA



FF75AC



F4FF8D



807378



BF004B



400019



# Previews

## White Background



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

## Color Contrast Check

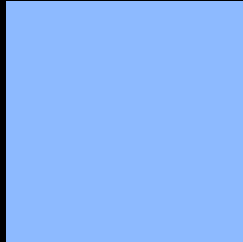
Large Text (above 18pt) WCAG AA × Fail

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 8DBAFF 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

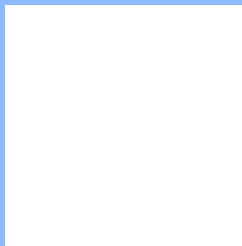
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DBAFF Background



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



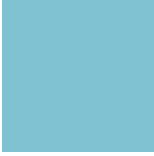
This preview shows how white text looks on a background with the Hex color 8DBAFF.

# 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](#).

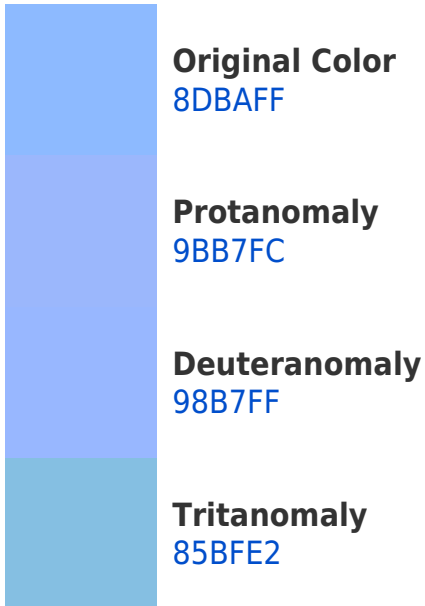
## Dichromacy





**Tritanopia**  
80C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8DBAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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