

# Converting Colors

Hex(8DF7FF)

Have a look what the booklet for  
Hex(8DF7FF) contains.

<b>Hex(8DF7FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DF7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DF7FF
RGB	141, 247, 255
RGB Percent	55%, 97%, 100%
CMY	0.4471, 0.0314, 0.0000
CMYK	0.45, 0.03, 0.00, 0.00
HSL	184°, 100%, 78%
HSV	184°, 45%, 100%
XYZ	62.2953, 79.4042, 106.6510
YIQ	216.2180, -65.7440, -19.9840

# Conversions

## Conversions Part 2

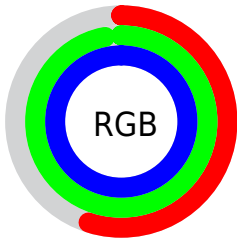
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 196, 255
Decimal	9304063
CIELab	91.42, -28.68, -13.42
CIElCh	91, 31.670, 205.076
Yxy	79.4042, 0.2508, 0.3197
Android (android.graphics.Color)	4287494143 (0xFF8DF7FF)
YUV	216.2180, 19.1195, -65.9662
Hunter-Lab	89.1091, -31.1533, -8.5854

# Details

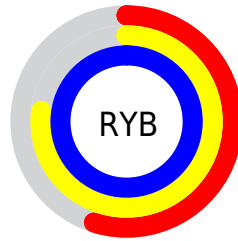
The Hex color **8DF7FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF958D**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **C8FFFF**, and **51BEC6** is the 20% darker color. If you saturate the color by 10%, you get **74F5FF**, and if you desaturate by 10%, it is **A7F9FF**.

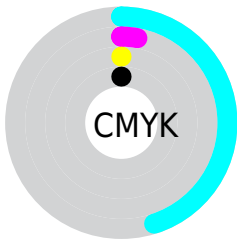
# Distribution



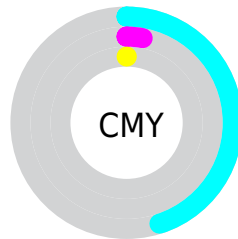
- Red (55%)
- Green (97%)
- Blue (100%)



- Red (55%)
- Yellow (77%)
- Blue (100%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DF7FF 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 8DF7FF by changing the saturation by 10% instead.



 8DF7FF

FFFFFF

 C8FFFF


 E6FFFF

 8DF7FF

 6FDAE2

 51BEC6

 2EA3AB

 008991

 006F77

 00565E

 003E47

 002830

 000B1C

 8DF7FF

 8DF7FF

 74F5FF

 A7F9FF

 5AF3FF

 C0FBFF

 41F2FF

 DAFCFF

 27F0FF

 F3FEFF

 0EEEFF

 FFFFFFFF

 00EDFF

# Harmonies

## Analogous

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



9FF7E0



8DF7FF



97F3FF

# Triad

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



8DF7FF



FFD6FF



FFE3AA

# Complementary

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



8DF7FF



FF958D

# 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.



FFD9B6



8DF7FF



FFD1ED

# Square

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



8DF7FF



E5E0FF



FFD2CE



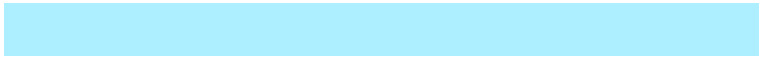
E2ECAF

# Rectangle

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



8DF7FF



ADEEFF



FFD2CE



FFDFAC

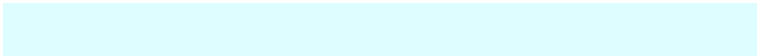


# Sweetspot

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



8DF7FF



DEFDFF



8DFF95



6B7E80



000000



808080



# Same Dimension

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



8DF7FF



75F5FF



8DBEFF



737F80



00B2BF



003B40



# Inverse Universe

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



FF8DF7



FF75F5



FFCE8D



80737F



BF00B2

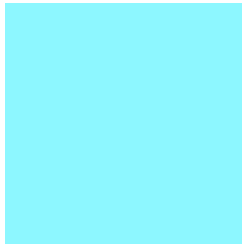


40003B



# Previews

## White Background



This preview shows how the Hex color 8DF7FF looks on a white background.

## Color Contrast Check

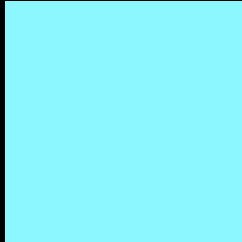
Large Text (above 18pt) WCAG AA × Fail

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 8DF7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

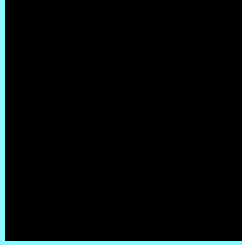
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DF7FF Background



This preview shows how black text looks on a background with the Hex color 8DF7FF.

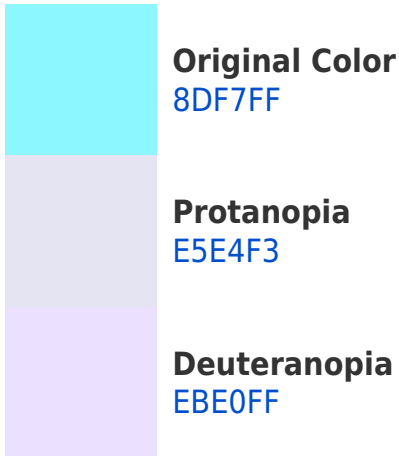


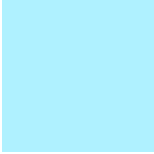
This preview shows how white text looks on a background with the Hex color 8DF7FF.

# 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



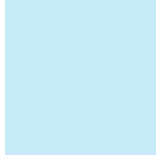


**Tritanopia**  
AFF1FF

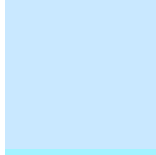
# Trichromacy



**Original Color**  
8DF7FF



**Protanomaly**  
C5EBF7



**Deuteranomaly**  
C9E8FF

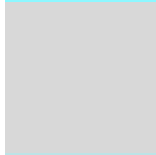


**Tritanomaly**  
A3F3FF

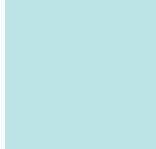
# Monochromacy



**Original Color**  
8DF7FF



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
BDE3E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DF7FF 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 #8DF7FF looks like.

```
.text, #text, p{  
    color:#8DF7FF  
}
```

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 #8DF7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF7FF  
}
```

## Border

The CSS property to change the border of an element to Hex 8DF7FF 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  
#8DF7FF }
```

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

```
.border{ border-color:#8DF7FF }
```

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

Here you see how a box with a 4 pixel #8DF7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF7FF; -webkit-box-shadow:4px 4px  
4px 4px #8DF7FF; box-shadow:4px 4px 4px  
4px #8DF7FF }
```

# Background

The CSS property to change the background color of an element to Hex 8DF7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF7FF }
```

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

```
.background{ background-color:#8DF7FF }
```

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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