

Converting Colors

Hex(8DF0FF)

Have a look what the booklet for
Hex(8DF0FF) contains.

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Color

Hex(8DF0FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8DF0FF |
| RGB | 141, 240, 255 |
| RGB Percent | 55%, 94%, 100% |
| CMY | 0.4471, 0.0588, 0.0000 |
| CMYK | 0.45, 0.06, 0.00, 0.00 |
| HSL | 188°, 100%, 78% |
| HSV | 188°, 45%, 100% |
| XYZ | 60.1946, 75.2029, 105.9508 |
| YIQ | 212.1090, -63.8190, -16.3230 |

Conversions

Conversions Part 2

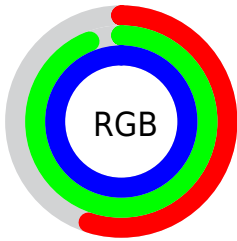
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 141, 194, 255 |
| Decimal | 9302271 |
| CIELab | 89.49, -25.31, -16.31 |
| CIELCh | 89, 30.110, 212.804 |
| Yxy | 75.2029, 0.2494, 0.3116 |
| Android (android.graphics.Color) | 4287492351 (0xFF8DF0FF) |
| YUV | 212.1090, 21.1453, -62.3626 |
| Hunter-Lab | 86.7196, -27.8573, -11.7346 |

Details

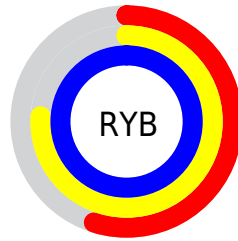
The Hex color **8DF0FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9C8D**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C8FFFF**, and **51B8C6** is the 20% darker color. If you saturate the color by 10%, you get **74EDFF**, and if you desaturate by 10%, it is **A7F3FF**.

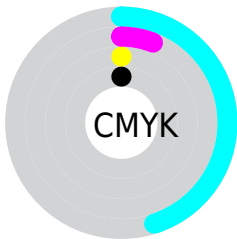
Distribution



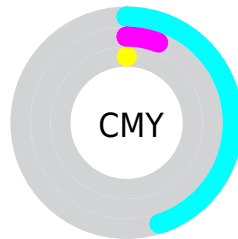
- Red (55%)
- Green (94%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DF0FF 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 8DF0FF by changing the saturation by 10% instead.

 8DF0FF

 8DF0FF

FFFFFF

 70D4E2

 C8FFFF

 51B8C6

 E6FFFF

 2F9DAB

 008290

 006977

 00505E

 003946

 002430

 00011C

 8DF0FF

 8DF0FF

 74EDFF

 A7F3FF

 5AE9FF

 C0F7FF

 41E6FF

 DAFAFF

 27E3FF

 F3FDFF

 0EDFFF

FFFFFF

 00DDFF

Harmonies

Analogous

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



98F1E3



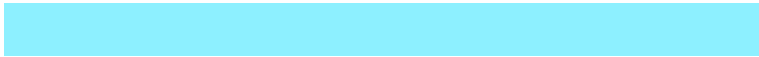
8DF0FF



9EEBFF

Triad

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



8DF0FF



FFD0FC



F4E0A8

Complementary

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



8DF0FF



FF9C8D

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.



FFD6AF



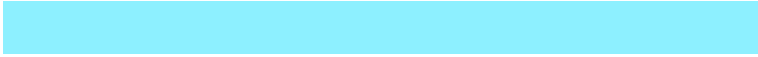
8DF0FF



FFCCDF

Square

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



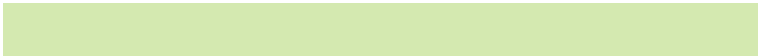
8DF0FF



E9D9FF



FFCFC3



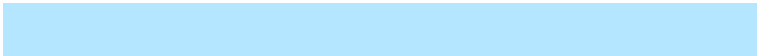
D4E9B0

Rectangle

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



8DF0FF



B4E6FF



FFCFC3



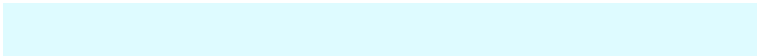
FDDDA8

Sweetspot

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



8DF0FF



DEFBFF



8DFF9A



6B7D80



000000



808080

Same Dimension

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



8DF0FF



75EDFF



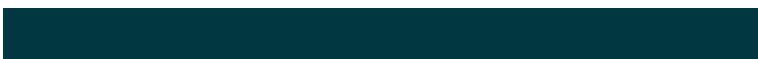
8DB9FF



737E80



00A6BF



003740

Inverse Universe

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



FF8DF0



FF75ED



FFD38D



80737E



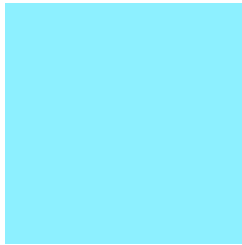
BF00A6



400037

Previews

White Background



This preview shows how the Hex color 8DF0FF looks on a white background.

Color Contrast Check

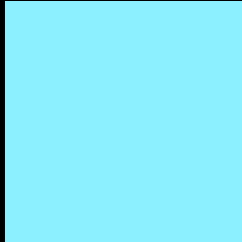
Large Text (above 18pt) WCAG AA × Fail

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 8DF0FF 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 8DF0FF Background



This preview shows how black text looks on a background with the Hex color 8DF0FF.

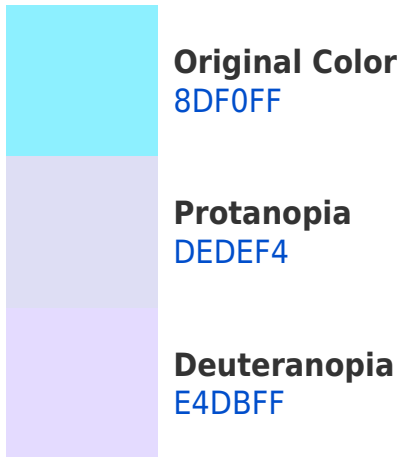


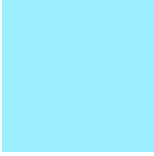
This preview shows how white text looks on a background with the Hex color 8DF0FF.

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
9AEEFF

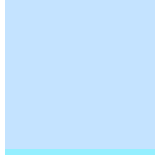
Trichromacy



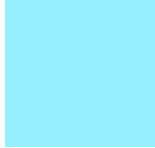
Original Color
8DF0FF



Protanomaly
C1E5F8



Deuteranomaly
C4E3FF

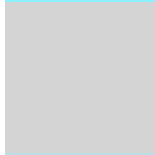


Tritanomaly
95EFFF

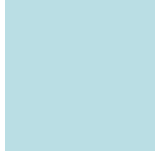
Monochromacy



Original Color
8DF0FF



Achromatopsia
D4D4D4



Achromatomaly
BADEE4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DF0FF 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 #8DF0FF looks like.

```
.text, #text, p{  
    color:#8DF0FF  
}
```

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 #8DF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF0FF
}
```

Border

The CSS property to change the border of an element to Hex 8DF0FF 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
#8DF0FF }
```

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

```
.border{ border-color:#8DF0FF }
```

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

Here you see how a box with a 4 pixel #8DF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF0FF; -webkit-box-shadow:4px 4px  
4px 4px #8DF0FF; box-shadow:4px 4px 4px  
4px #8DF0FF }
```

Background

The CSS property to change the background color of an element to Hex 8DF0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF0FF }
```

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

```
.background{ background-color:#8DF0FF }
```

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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