

Converting Colors

Hex(81F0FF)

Have a look what the booklet for
Hex(81F0FF) contains.

Hex(81F0FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81F0FF)

Conversions

Conversions Part 1

Format	Color
Hex	81F0FF
RGB	129, 240, 255
RGB Percent	51%, 94%, 100%
CMY	0.4941, 0.0588, 0.0000
CMYK	0.49, 0.06, 0.00, 0.00
HSL	187°, 100%, 75%
HSV	187°, 49%, 100%
XYZ	58.2633, 74.2073, 105.8604
YIQ	208.5210, -70.9710, -18.8670

Conversions

Conversions Part 2

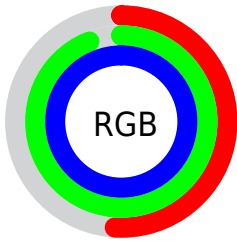
Format	Color
RYB	129, 188, 255
Decimal	8515839
CIELab	89.02, -27.93, -17.06
CIELCh	89, 32.733, 211.416
Yxy	74.2073, 0.2445, 0.3114
Android (android.graphics.Color)	4286705919 (0xFF81F0FF)
YUV	208.5210, 22.9141, -69.7399
Hunter-Lab	86.1437, -30.0228, -12.5598

Details

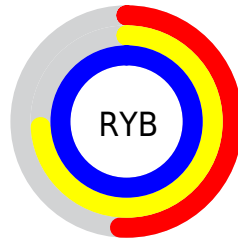
The Hex color **81F0FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9081**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **BDFFFF**, and **41B8C6** is the 20% darker color. If you saturate the color by 10%, you get **68EDFF**, and if you desaturate by 10%, it is **9BF3FF**.

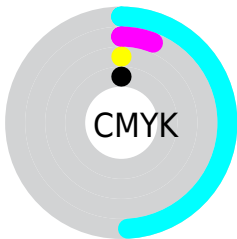
Distribution



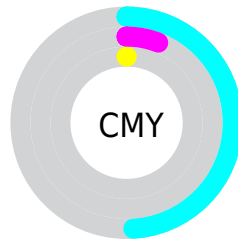
- Red (51%)
- Green (94%)
- Blue (100%)



- Red (51%)
- Yellow (74%)
- Blue (100%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81F0FF 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 81F0FF by changing the saturation by 10% instead.

 81F0FF

 81F0FF

FFFFFF

 62D4E2

 BDFFFF

 41B8C6

 DBFFFF

 139DAB

 F9FFFF

 008290

 006977

 00505E

 003946

 002430

 00011C

 81F0FF

 81F0FF

 68EDFF

 9BF3FF

 4EEAFF

 B4F6FF

 35E7FF

 CEF9FF

 1BE4FF

 E7FCFF

 02E1FF

FFFFFF

 00E1FF

Harmonies

Analogous

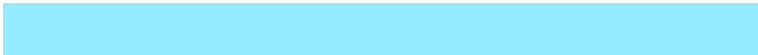
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FF1E0



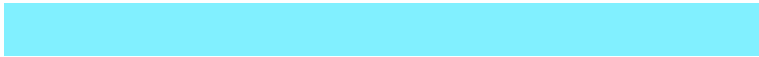
81F0FF



92EBFF

Triad

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



81F0FF



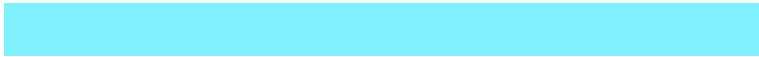
FFCDFE



F5DEA1

Complementary

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



81F0FF



FF9081

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.



FFD4AA



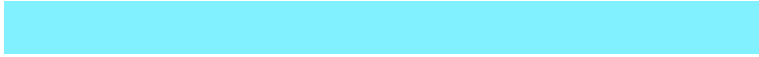
81F0FF



FFC9DF

Square

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



81F0FF



E6D7FF



FFCBC1



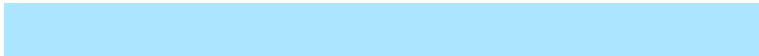
D3E8AA

Rectangle

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



81F0FF



ACE5FF



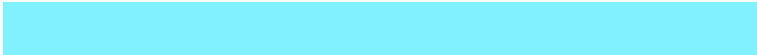
FFCBC1



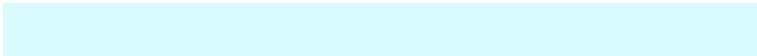
FFDBA2

Sweetspot

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



81FOFF



D9FAFF



81FF90



697D80



000000



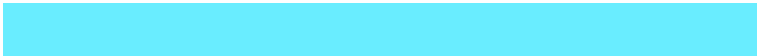
808080

Same Dimension

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



81F0FF



69EDFF



81B1FF



737E80



00A8BF



003840

Inverse Universe

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



FF81F0



FF69ED



FFCF81



80737E



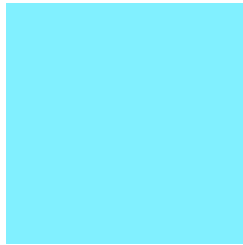
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 81F0FF looks on a white background.

Color Contrast Check

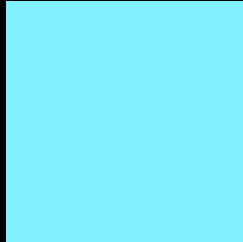
Large Text (above 18pt) WCAG AA × Fail

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 81F0FF 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 81F0FF Background



This preview shows how black text looks on a background with the Hex color 81F0FF.

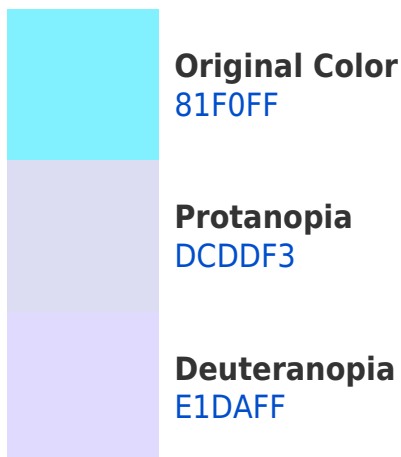


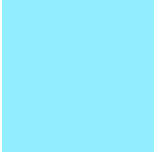
This preview shows how white text looks on a background with the Hex color 81F0FF.

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](#).

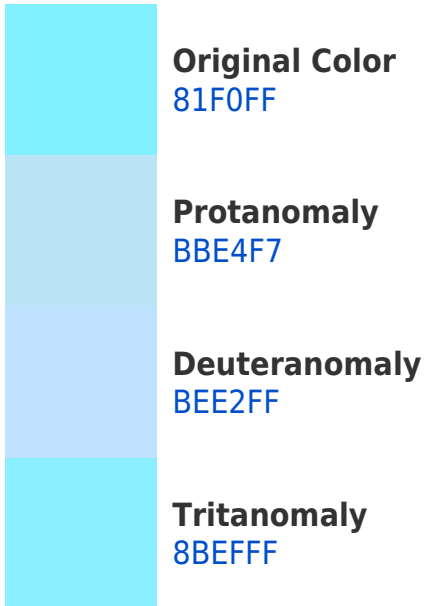
Dichromacy



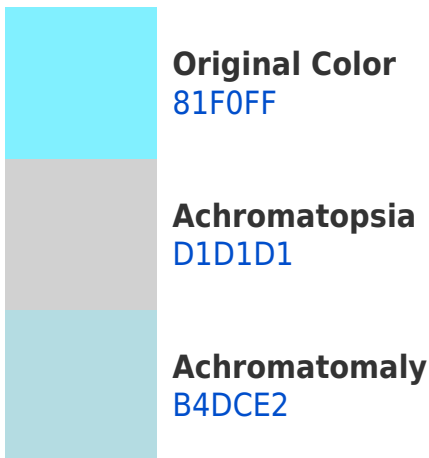


Tritanopia
90EEFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81F0FF 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 #81F0FF looks like.

```
.text, #text, p{  
    color:#81F0FF  
}
```

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 #81F0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81F0FF
}
```

Border

The CSS property to change the border of an element to Hex 81F0FF 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
#81F0FF }
```

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

```
.border{ border-color:#81F0FF }
```

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

Here you see how a box with a 4 pixel #81F0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81F0FF; -webkit-box-shadow:4px 4px  
4px 4px #81F0FF; box-shadow:4px 4px 4px  
4px #81F0FF }
```

Background

The CSS property to change the background color of an element to Hex 81F0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81F0FF }
```

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

```
.background{ background-color:#81F0FF }
```

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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