

Converting Colors

Hex(81FFF0)

Have a look what the booklet for
Hex(81FFF0) contains.

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Color

Hex(81FFF0)

Conversions

Conversions Part 1

Format	Color
Hex	81FFF0
RGB	129, 255, 240
RGB Percent	51%, 100%, 94%
CMY	0.4941, 0.0000, 0.0588
CMYK	0.49, 0.00, 0.06, 0.00
HSL	173°, 100%, 75%
HSV	173°, 49%, 100%
XYZ	60.5414, 82.4784, 95.1671
YIQ	215.6160, -70.2810, -31.3770

Conversions

Conversions Part 2

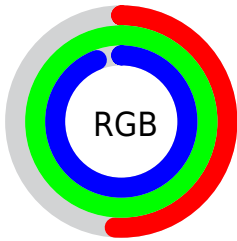
Format	Color
RYB	129, 196, 255
Decimal	8519664
CIELab	92.79, -38.70, -3.66
CIELCh	93, 38.872, 185.404
Yxy	82.4784, 0.2542, 0.3463
Android (android.graphics.Color)	4286709744 (0xFF81FFF0)
YUV	215.6160, 12.0213, -75.9622
Hunter-Lab	90.8176, -39.9380, 1.4428

Details

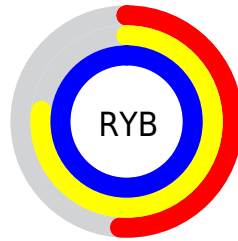
The Hex color **81FFF0** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF8190**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **BDFFFF**, and **41C6B8** is the 20% darker color. If you saturate the color by 10%, you get **68FFED**, and if you desaturate by 10%, it is **9BFFF3**.

Distribution



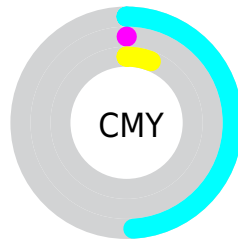
- Red (51%)
- Green (100%)
- Blue (94%)



- Red (51%)
- Yellow (77%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 81FFF0 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 81FFF0 by changing the saturation by 10% instead.

 81FFF0

FFFFFF

 BDFFFF

 DBFFFF


 FAFFFF

 81FFF0

 62E2D4

 41C6B8

 11AA9D

 008F83

 00756A

 005C52

 00433B

 002C25

 001211

 81FFF0

 81FFF0

 68FFED

 9BFFF3

 4EFFEA


 B4FFF6

 35FFE7

 CEFFF9

 1BFFE4

 E7FFFC

 02FFE1

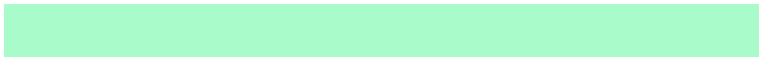
FFFFFF

 00FFE1

Harmonies

Analogous

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



A9FCCA



81FFF0



70FDFF

Triad

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



81FFF0



F8DEFF



FFDDA7

Complementary

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



81FFF0



FF8190

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.



FFD3C1



81FFF0



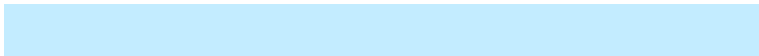
FFD3FF

Square

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



81FFF0



C3ECFF



FFCEE5



FEEA9F

Rectangle

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



81FFF0



7FF9FF



FFCEE5



FFD9AE

Sweetspot

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



81FFF0



D9FFFA



92FF81



69807D



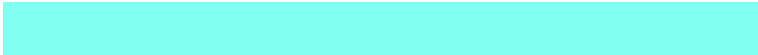
000000



808080

Same Dimension

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



81FFF0



69FFED



81D1FF



73807E



00BFA8



004038

Inverse Universe

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



FF8190



FF697A



FFAF81



807374



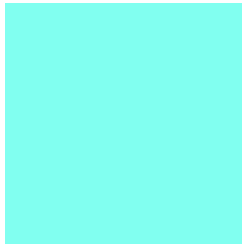
BF0017



400008

Previews

White Background



This preview shows how the Hex color 81FFF0 looks on a white background.

Color Contrast Check

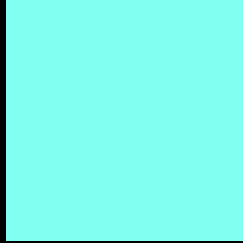
Large Text (above 18pt) WCAG AA × Fail

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 81FFF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

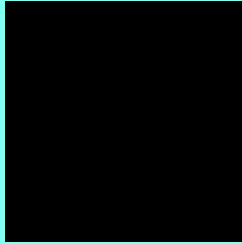
Any Text WCAG AA ✓ Pass

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 81FFF0 Background



This preview shows how black text looks on a background with the Hex color 81FFF0.

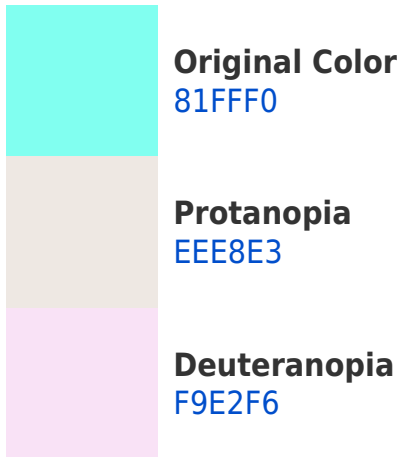


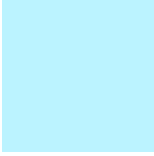
This preview shows how white text looks on a background with the Hex color 81FFF0.

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
BBF3FF

Trichromacy



Original Color
81FFF0



Protanomaly
C6F0E8



Deuteranomaly
CDEDF4

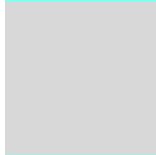


Tritanomaly
A6F7FA

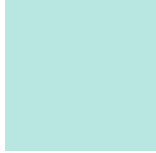
Monochromacy



Original Color
81FFF0



Achromatopsia
D8D8D8



Achromatomaly
B8E6E1

CSS Examples

Text

The CSS property to change the color of the text to Hex 81FFF0 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 #81FFF0 looks like.

```
.text, #text, p{  
    color:#81FFF0  
}
```

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 #81FFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81FFF0  
}
```

Border

The CSS property to change the border of an element to Hex 81FFF0 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  
#81FFF0 }
```

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

```
.border{ border-color:#81FFF0 }
```

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

Here you see how a box with a 4 pixel #81FFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81FFF0; -webkit-box-shadow:4px 4px  
4px 4px #81FFF0; box-shadow:4px 4px 4px  
4px #81FFF0 }
```

Background

The CSS property to change the background color of an element to Hex 81FFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81FFF0 }
```

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

```
.background{ background-color:#81FFF0 }
```

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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