

Converting Colors

Hex(8FF0FF)

Have a look what the booklet for
Hex(8FF0FF) contains.

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Color

Hex(8FF0FF)

Conversions

Conversions Part 1

Format	Color
Hex	8FF0FF
RGB	143, 240, 255
RGB Percent	56%, 94%, 100%
CMY	0.4392, 0.0588, 0.0000
CMYK	0.44, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 44%, 100%
XYZ	60.5378, 75.3798, 105.9668
YIQ	212.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

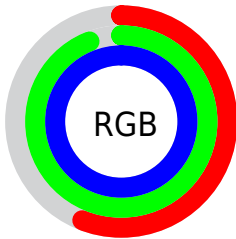
Format	Color
RYB	143, 195, 255
Decimal	9433343
CIELab	89.57, -24.85, -16.18
CIElCh	90, 29.653, 213.068
Yxy	75.3798, 0.2503, 0.3116
Android (android.graphics.Color)	4287623423 (0xFF8FF0FF)
YUV	212.7070, 20.8504, -61.1330
Hunter-Lab	86.8216, -27.4756, -11.5891

Details

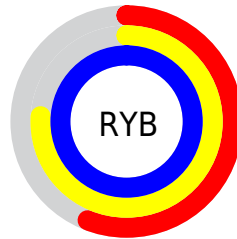
The Hex color **8FF0FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9E8F**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **CAFFFF**, and **54B8C6** is the 20% darker color. If you saturate the color by 10%, you get **76EDFF**, and if you desaturate by 10%, it is **A9F3FF**.

Distribution



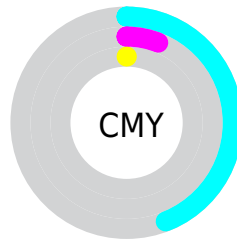
- Red (56%)
- Green (94%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FF0FF 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 8FF0FF by changing the saturation by 10% instead.

 8FF0FF

 8FF0FF

FFFFFF


 72D4E2

 CAFFFF

 54B8C6

 E7FFFF

 339DAB

 008290

 006977

 00515E

 003946

 002430

 00011C

 8FF0FF

 8FF0FF

 76EDFF

 A9F3FF

 5CE9FF

 C2F7FF

 42E6FF

 DCFAFF

 29E2FF

 F5FEFF

 10DFFF

FFFFFF

 00DDFF

Harmonies

Analogous

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



99F1E3



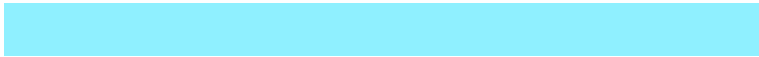
8FF0FF



9FEBFF

Triad

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



8FF0FF



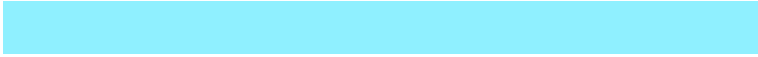
FFD0FB



F3E0A9

Complementary

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



8FF0FF



FF9E8F

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.



FFD7B0



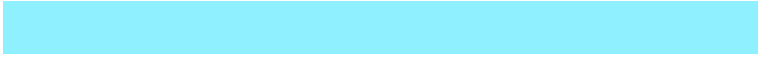
8FF0FF



FFCDDF

Square

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



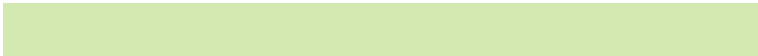
8FF0FF



EAD9FF



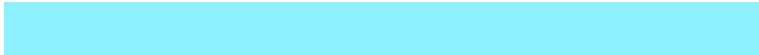
FFCFC4



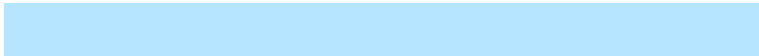
D4E9B1

Rectangle

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



8FF0FF



B6E6FF



FFCFC4



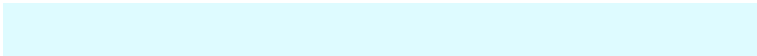
FCDDA9

Sweetspot

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



8FF0FF



DEFBFF



8FFF9E



6B7D80



000000



808080

Same Dimension

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



8FF0FF



78EDFF



8FB8FF



737E80



00A6BF



003740

Inverse Universe

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



FF8FF0



FF78ED



FFD68F



80737E



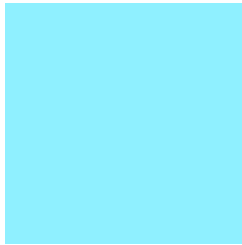
BF00A6



400037

Previews

White Background



This preview shows how the Hex color 8FF0FF looks on a white background.

Color Contrast Check

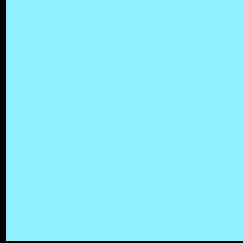
Large Text (above 18pt) WCAG AA × Fail

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 8FF0FF 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 8FF0FF Background



This preview shows how black text looks on a background with the Hex color 8FF0FF.

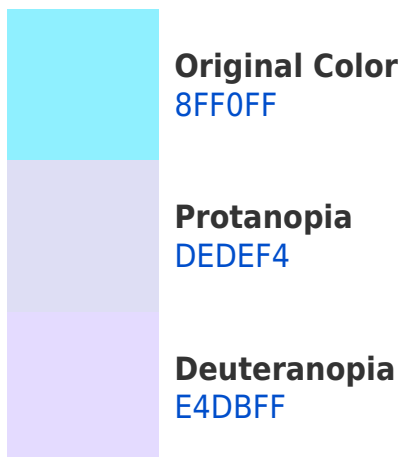


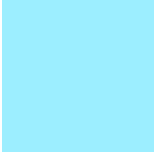
This preview shows how white text looks on a background with the Hex color 8FF0FF.

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



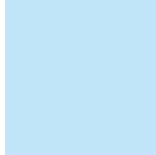


Tritanopia
9CEEFF

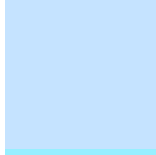
Trichromacy



Original Color
8FF0FF



Protanomaly
C1E5F8



Deuteranomaly
C5E3FF

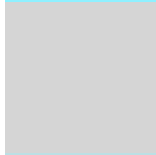


Tritanomaly
97EFFF

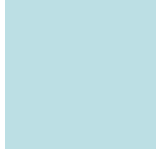
Monochromacy



Original Color
8FF0FF



Achromatopsia
D5D5D5



Achromatomaly
BCDFE4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FF0FF 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 #8FF0FF looks like.

```
.text, #text, p{  
    color:#8FF0FF  
}
```

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 #8FF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF0FF  
}
```

Border

The CSS property to change the border of an element to Hex 8FF0FF 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  
#8FF0FF }
```

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

```
.border{ border-color:#8FF0FF }
```

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

Here you see how a box with a 4 pixel #8FF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF0FF; -webkit-box-shadow:4px 4px  
4px 4px #8FF0FF; box-shadow:4px 4px 4px  
4px #8FF0FF }
```

Background

The CSS property to change the background color of an element to Hex 8FF0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF0FF }
```

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

```
.background{ background-color:#8FF0FF }
```

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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