

# Converting Colors

Hex(89F6FF)

Have a look what the booklet for  
Hex(89F6FF) contains.

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**Color**

**Hex(89F6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89F6FF
RGB	137, 246, 255
RGB Percent	54%, 96%, 100%
CMY	0.4627, 0.0353, 0.0000
CMYK	0.46, 0.04, 0.00, 0.00
HSL	185°, 100%, 77%
HSV	185°, 46%, 100%
XYZ	61.3223, 78.4499, 106.5181
YIQ	214.4350, -67.8530, -20.3090

# Conversions

## Conversions Part 2

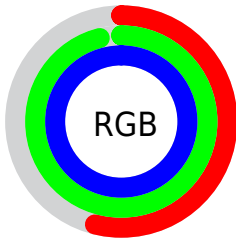
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 194, 255
Decimal	9041663
CIELab	90.98, -29.10, -14.08
CIElCh	91, 32.325, 205.831
Yxy	78.4499, 0.2490, 0.3185
Android (android.graphics.Color)	4287231743 (0xFF89F6FF)
YUV	214.4350, 19.9985, -67.9105
Hunter-Lab	88.5719, -31.4174, -9.3028

# Details

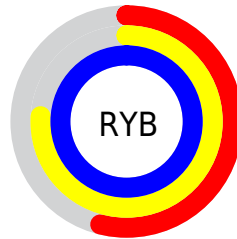
The Hex color **89F6FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9289**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **C4FFFF**, and **4CBDC6** is the 20% darker color. If you saturate the color by 10%, you get **70F4FF**, and if you desaturate by 10%, it is **A3F8FF**.

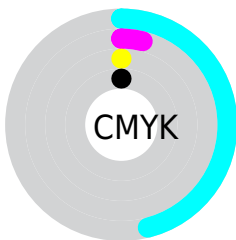
# Distribution



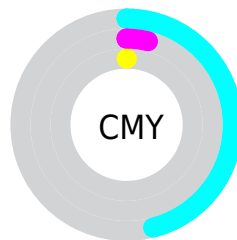
- Red (54%)
- Green (96%)
- Blue (100%)



- Red (54%)
- Yellow (76%)
- Blue (100%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 89F6FF 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 89F6FF by changing the saturation by 10% instead.



 89F6FF

 89F6FF

FFFFFF

 6BD9E2

 C4FFFF

 4CBDC6

 E2FFFF

 26A2AB

 008891


 006E77

 00555E

 003D47

 002730

 00081C

 89F6FF

 89F6FF

 70F4FF

 A3F8FF

 56F2FF

 BCFAFF

 3CF0FF

 D6FCFF

 23EEFF

 EFFEFF

 09ECFF

FFFFFF

 00ECFF

# Harmonies

## Analogous

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



9BF6E0



89F6FF



94F2FF

# Triad

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



89F6FF



FFD5FF



FFE2A8

# Complementary

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



89F6FF



FF9289

# 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.



FFD7B3



89F6FF



FFCFEB

# Square

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



89F6FF



E4DFFF



FFD0CC



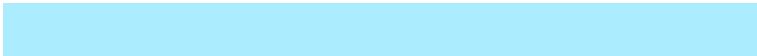
DFEBAD

# Rectangle

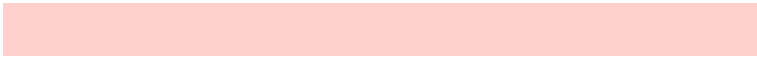
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89F6FF



ABECFF



FFD0CC



FFDEAA

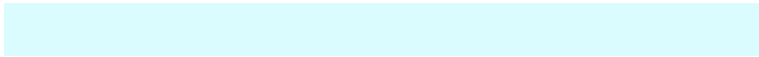


# Sweetspot

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



89F6FF



DBFCFF



89FF91



6A7E80



000000



808080



# Same Dimension

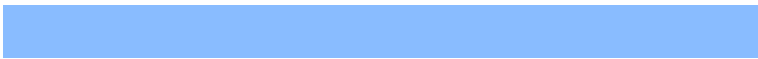
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89F6FF



70F4FF



89BCFF



737F80



00B1BF



003B40



# Inverse Universe

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



FF89F6



FF70F4



FFCC89



80737F



BF00B1

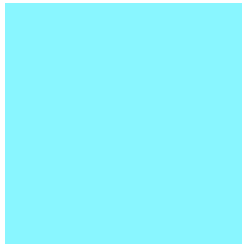


40003B



# Previews

## White Background



This preview shows how the Hex color 89F6FF looks on a white background.

## Color Contrast Check

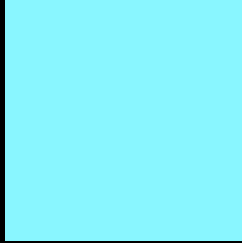
Large Text (above 18pt) WCAG AA × Fail

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 89F6FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

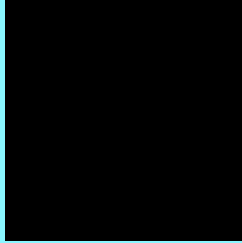
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89F6FF Background



This preview shows how black text looks on a background with the Hex color 89F6FF.

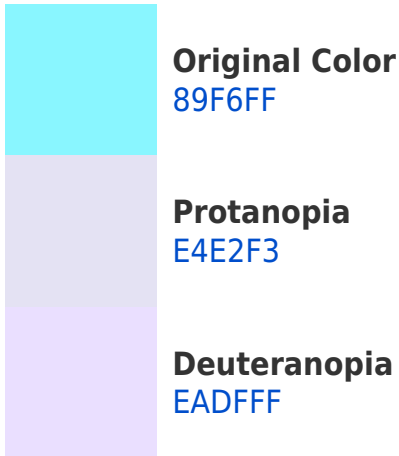


This preview shows how white text looks on a background with the Hex color 89F6FF.

# 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



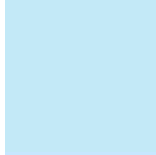


**Tritanopia**  
A9F0FF

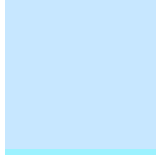
# Trichromacy



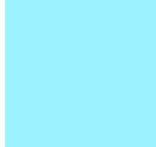
**Original Color**  
89F6FF



**Protanomaly**  
C3E9F7



**Deuteranomaly**  
C7E7FF

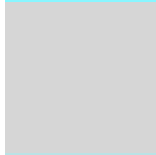


**Tritanomaly**  
9DF2FF

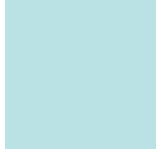
# Monochromacy



**Original Color**  
89F6FF



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
BAE2E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89F6FF 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 #89F6FF looks like.

```
.text, #text, p{  
    color:#89F6FF  
}
```

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 #89F6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F6FF
}
```

## Border

The CSS property to change the border of an element to Hex 89F6FF 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
#89F6FF }
```

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

```
.border{ border-color:#89F6FF }
```

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

Here you see how a box with a 4 pixel #89F6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F6FF; -webkit-box-shadow:4px 4px  
4px 4px #89F6FF; box-shadow:4px 4px 4px  
4px #89F6FF }
```

# Background

The CSS property to change the background color of an element to Hex 89F6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F6FF }
```

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

```
.background{ background-color:#89F6FF }
```

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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