

Converting Colors

Hex(9EF7FE)

Have a look what the booklet for
Hex(9EF7FE) contains.

Hex(9EF7FE)	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(9EF7FE)

Conversions

Conversions Part 1

Format	Color
Hex	9EF7FE
RGB	158, 247, 254
RGB Percent	62%, 97%, 100%
CMY	0.3804, 0.0314, 0.0039
CMYK	0.38, 0.03, 0.00, 0.00
HSL	184°, 98%, 81%
HSV	184°, 38%, 100%
XYZ	65.2507, 80.9464, 105.9511
YIQ	221.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

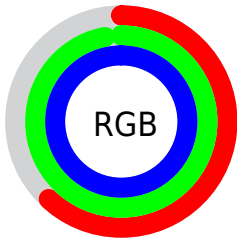
Format	Color
RYB	158, 204, 254
Decimal	10418174
CIELab	92.11, -24.90, -11.80
CIElCh	92, 27.553, 205.348
Yxy	80.9464, 0.2588, 0.3210
Android (android.graphics.Color)	4288608254 (0xFF9EF7FE)
YUV	221.1870, 16.1768, -55.4150
Hunter-Lab	89.9702, -27.9911, -6.8422

Details

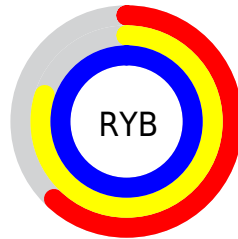
The Hex color **9EF7FE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FEA59E**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **D8FFFF**, and **65BEC5** is the 20% darker color. If you saturate the color by 10%, you get **85F5FE**, and if you desaturate by 10%, it is **B7F9FE**.

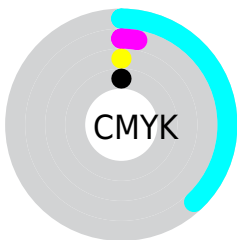
Distribution



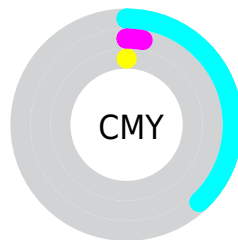
- Red (62%)
- Green (97%)
- Blue (100%)



- Red (62%)
- Yellow (80%)
- Blue (100%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF7FE 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 9EF7FE by changing the saturation by 10% instead.


 9EF7FE

FFFFFF

 D8FFFF

 F6FFFF

 9EF7FE

 81DAE1

 65BEC5

 48A3AA

 278990

 006F76

 00565D

 003F46

 00282F

 000F1B

 9EF7FE

 9EF7FE

 85F5FE

 B7F9FE

 6BF3FE

 D1FBFE

 52F1FE

 EAFDFE

 38F0FE

FFFEFE

 1FEEFE

FFFFFFE

 06ECFE

 00EBFE

Harmonies

Analogous

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



ABF7E3



9EF7FE



A7F3FF

Triad

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



9EF7FE



FFDBFF



FFE5B4

Complementary

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



9EF7FE



FEA59E

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.



FFDDBE



9EF7FE



FFD6EE

Square

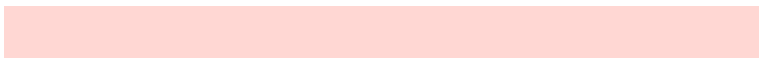
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9EF7FE



E7E3FF



FFD7D3



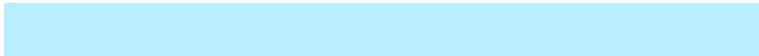
E4EEB8

Rectangle

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



9EF7FE



B9EFFF



FFD7D3



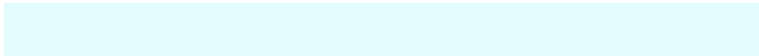
FFE2B6

Sweetspot

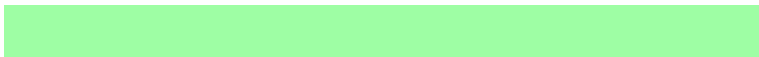
The Sweet Spot groups the original color and five complimentary colors.



9EF7FE



E3FDFF



9EFEA4



6F7E80



000000



808080

Same Dimension

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



9EF7FE



8CF7FF



9EC8FE



737F80



00B1BF



003B40

Inverse Universe

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



FE9EF7



FF8CF7



FED49E



80737F



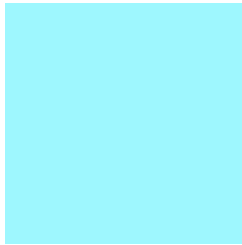
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 9EF7FE looks on a white background.

Color Contrast Check

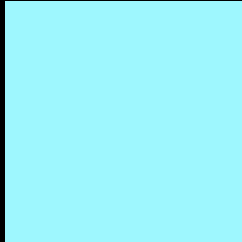
Large Text (above 18pt) WCAG AA × Fail

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 9EF7FE 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 9EF7FE Background



This preview shows how black text looks on a background with the Hex color 9EF7FE.



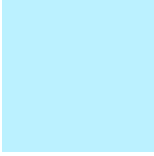
This preview shows how white text looks on a background with the Hex color 9EF7FE.

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



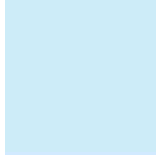


Tritanopia
BBF1FF

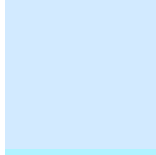
Trichromacy



Original Color
9EF7FE



Protanomaly
CDECF8



Deuteranomaly
D2EAFB

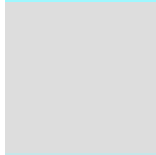


Tritanomaly
B0F3FF

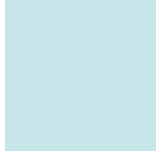
Monochromacy



Original Color
9EF7FE



Achromatopsia
DDDDDD



Achromatomaly
C6E6E9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF7FE 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 #9EF7FE looks like.

```
.text, #text, p{  
    color:#9EF7FE  
}
```

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 #9EF7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF7FE
}
```

Border

The CSS property to change the border of an element to Hex 9EF7FE 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
#9EF7FE }
```

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

```
.border{ border-color:#9EF7FE }
```

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

Here you see how a box with a 4 pixel #9EF7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF7FE; -webkit-box-shadow:4px 4px  
4px 4px #9EF7FE; box-shadow:4px 4px 4px  
4px #9EF7FE }
```

Background

The CSS property to change the background color of an element to Hex 9EF7FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF7FE }
```

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

```
.background{ background-color:#9EF7FE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor