

Converting Colors

Hex(9EF6F8)

Have a look what the booklet for
Hex(9EF6F8) contains.

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Color

Hex(9EF6F8)

Conversions

Conversions Part 1

Format	Color
Hex	9EF6F8
RGB	158, 246, 248
RGB Percent	62%, 96%, 97%
CMY	0.3804, 0.0353, 0.0275
CMYK	0.36, 0.01, 0.00, 0.03
HSL	181°, 87%, 80%
HSV	181°, 36%, 97%
XYZ	63.9996, 79.9579, 100.8672
YIQ	219.9160, -53.0900, -18.0340

Conversions

Conversions Part 2

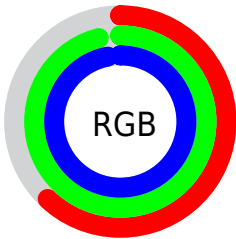
Format	Color
R _Y B	158, 202, 248
Decimal	10417912
CIE _{Lab}	91.67, -25.83, -9.34
CIE _{LCh}	92, 27.468, 199.869
Yxy	79.9579, 0.2614, 0.3266
Android (android.graphics.Color)	4288607992 (0xFF9EF6F8)
YUV	219.9160, 13.8454, -54.3003
Hunter-Lab	89.4192, -28.7266, -4.2872

Details

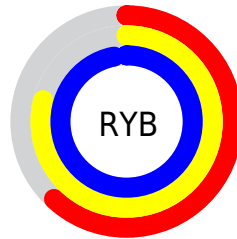
The Hex color **9EF6F8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F8A09E**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **D8FFFF**, and **65BDC0** is the 20% darker color. If you saturate the color by 10%, you get **85F5F8**, and if you desaturate by 10%, it is **B7F7F8**.

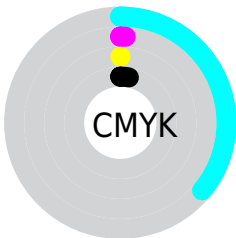
Distribution



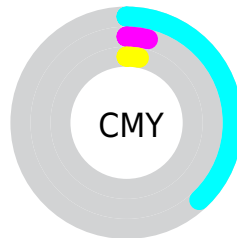
- Red (62%)
- Green (96%)
- Blue (97%)



- Red (62%)
- Yellow (79%)
- Blue (97%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF6F8 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 9EF6F8 by changing the saturation by 10% instead.

 9EF6F8

FFFFFF

 D8FFFF

 F5FFFF

 9EF6F8

 82D9DB

 65BDC0

 48A2A5

 29888A

 006E71

 005558

 003E41

 00272B

 000C17

 9EF6F8

 9EF6F8

 85F5F8

 B7F7F8

 6CF5F8

 D0F7F8

 54F4F8

 E8F8F8

 3BF4F8

 FFF8F8

 22F3F8

 FFF9F8

 09F3F8

 FFFAF8

 00F2F8

 FFFBF8

Harmonies

Analogous

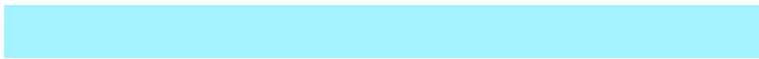
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFF6DD



9EF6F8



A2F3FF

Triad

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



9EF6F8



FFDBFF



FFE2B4

Complementary

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



9EF6F8



F8A09E

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.



FFDAC0



9EF6F8



FFD5F1

Square

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



9EF6F8



E0E3FF



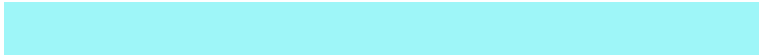
FFD5D6



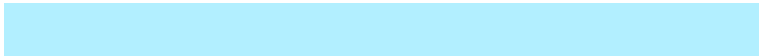
E9EBB5

Rectangle

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



9EF6F8



B2EFFF



FFD5D6



FFDFB6

Sweetspot

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



9EF6F8



E3FEFF



9EF89F



6F7F80



000000



808080

Same Dimension

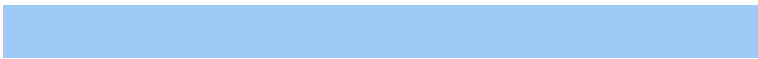
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EF6F8



8FFDFF



9ECAF8



707D7D



00B9BD



003C3D

Inverse Universe

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



F89EF6



FF8FFD



F8CC9E



7D707D



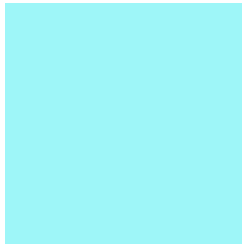
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 9EF6F8 looks on a white background.

Color Contrast Check

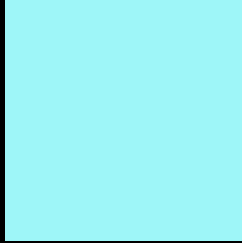
Large Text (above 18pt) WCAG AA × Fail

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 9EF6F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

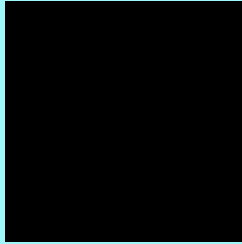
Any Text WCAG AA ✓ Pass

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 9EF6F8 Background



This preview shows how black text looks on a background with the Hex color 9EF6F8.



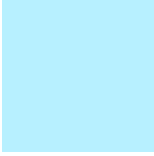
This preview shows how white text looks on a background with the Hex color 9EF6F8.

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



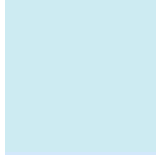


Tritanopia
B7F0FF

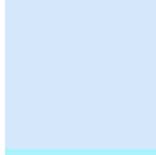
Trichromacy



Original Color
9EF6F8



Protanomaly
CDEBF2



Deuteranomaly
D3E8FB

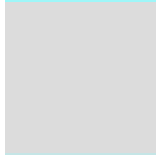


Tritanomaly
AEF2FC

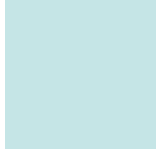
Monochromacy



Original Color
9EF6F8



Achromatopsia
DCDCDC



Achromatomaly
C5E5E6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF6F8 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 #9EF6F8 looks like.

```
.text, #text, p{  
    color:#9EF6F8  
}
```

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 #9EF6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF6F8
}
```

Border

The CSS property to change the border of an element to Hex 9EF6F8 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
#9EF6F8 }
```

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

```
.border{ border-color:#9EF6F8 }
```

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

Here you see how a box with a 4 pixel #9EF6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF6F8; -webkit-box-shadow:4px 4px  
4px 4px #9EF6F8; box-shadow:4px 4px 4px  
4px #9EF6F8 }
```

Background

The CSS property to change the background color of an element to Hex 9EF6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF6F8 }
```

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

```
.background{ background-color:#9EF6F8 }
```

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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