

Converting Colors

Hex(9AF7F3)

Have a look what the booklet for
Hex(9AF7F3) contains.

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Color

Hex(9AF7F3)

Conversions

Conversions Part 1

Format	Color
Hex	9AF7F3
RGB	154, 247, 243
RGB Percent	60%, 97%, 95%
CMY	0.3961, 0.0314, 0.0471
CMYK	0.38, 0.00, 0.02, 0.03
HSL	177°, 85%, 79%
HSV	177°, 38%, 97%
XYZ	62.7649, 79.8626, 96.9010
YIQ	218.7370, -54.1440, -20.9600

Conversions

Conversions Part 2

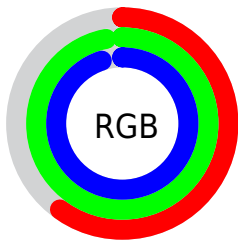
Format	Color
RYB	154, 202, 247
Decimal	10156019
CIELab	91.62, -28.49, -6.82
CIElCh	92, 29.290, 193.464
Yxy	79.8626, 0.2620, 0.3334
Android (android.graphics.Color)	4288346099 (0xFF9AF7F3)
YUV	218.7370, 11.9617, -56.7743
Hunter-Lab	89.3659, -31.0234, -1.7331

Details

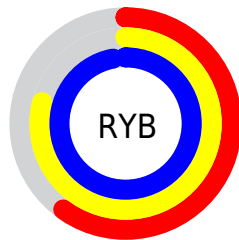
The Hex color **9AF7F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F79A9E**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **D4FFFF**, and **61BEBB** is the 20% darker color. If you saturate the color by 10%, you get **81F7F2**, and if you desaturate by 10%, it is **B3F7F4**.

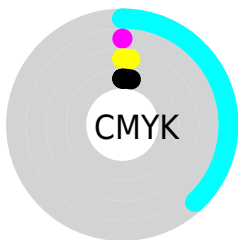
Distribution



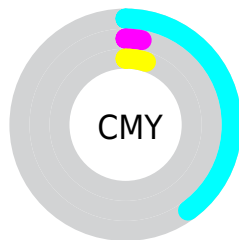
- Red (60%)
- Green (97%)
- Blue (95%)



- Red (60%)
- Yellow (79%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (40%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF7F3 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 9AF7F3 by changing the saturation by 10% instead.

 9AF7F3

FFFFFF

 D4FFFF

 F1FFFF

 9AF7F3

 7EDAD7

 61BEBB

 44A3A0

 228986

 006F6D

 005654

 003E3D

 002828

 000C13

 9AF7F3

 9AF7F3

 81F7F2

 B3F7F4

 69F7F1

 CBF7F5

 50F7F0

 E4F7F6

 37F7EF

 FDF7F7

 1EF7EE

 FFF7F8

 06F7ED

 FFF7F9

 00F7EC

 FFF7FA

 FFF7FB

 FFF7FD

Harmonies

Analogous

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



B0F6D6



9AF7F3



99F4FF

Triad

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



9AF7F3



FBDCFF



FFE0B2

Complementary

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



9AF7F3



F79A9E

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.



FFD7C2



9AF7F3



FFD5F8

Square

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



9AF7F3



D7E5FF



FFD3DB



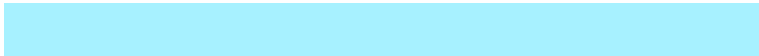
EFE9B0

Rectangle

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



9AF7F3



A7F1FF



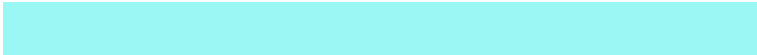
FFD3DB



FFDDB6

Sweetspot

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



9AF7F3



E3FFFE



9FF79A



6F807F



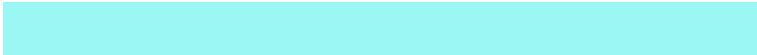
000000



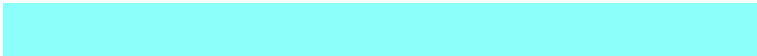
808080

Same Dimension

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



9AF7F3



8CFFFA



9ACDF7



6E7A7A



00BAB2



003B38

Inverse Universe

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



F79A9E



FF8C91



F7C49A



7A6E6F



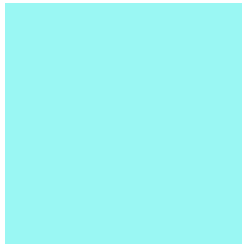
BA0008



3B0003

Previews

White Background



This preview shows how the Hex color 9AF7F3 looks on a white background.

Color Contrast Check

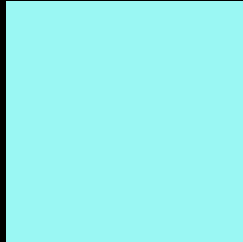
Large Text (above 18pt) WCAG AA × Fail

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 9AF7F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

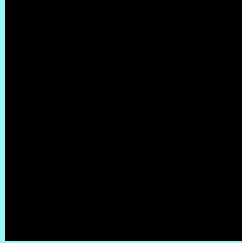
Any Text WCAG AA ✓ Pass

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 9AF7F3 Background



This preview shows how black text looks on a background with the Hex color 9AF7F3.

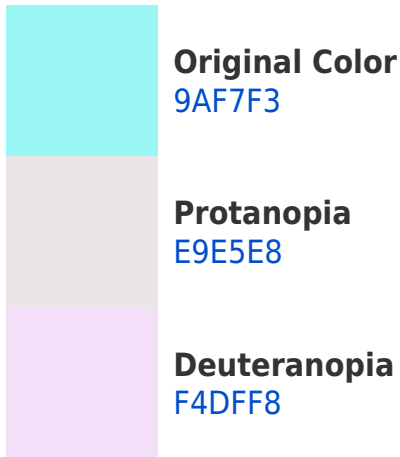


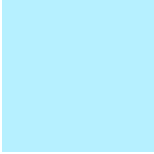
This preview shows how white text looks on a background with the Hex color 9AF7F3.

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



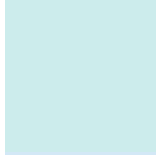


Tritanopia
B6F0FF

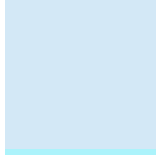
Trichromacy



Original Color
9AF7F3



Protanomaly
CCECEC



Deuteranomaly
D3E8F6

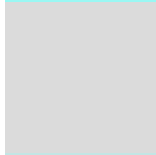


Tritanomaly
ACF3FB

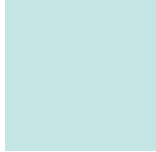
Monochromacy



Original Color
9AF7F3



Achromatopsia
DBDBDB



Achromatomaly
C3E5E4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF7F3 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 #9AF7F3 looks like.

```
.text, #text, p{  
    color:#9AF7F3  
}
```

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 #9AF7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF7F3
}
```

Border

The CSS property to change the border of an element to Hex 9AF7F3 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
#9AF7F3 }
```

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

```
.border{ border-color:#9AF7F3 }
```

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

Here you see how a box with a 4 pixel #9AF7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF7F3; -webkit-box-shadow:4px 4px  
4px 4px #9AF7F3; box-shadow:4px 4px 4px  
4px #9AF7F3 }
```

Background

The CSS property to change the background color of an element to Hex 9AF7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF7F3 }
```

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

```
.background{ background-color:#9AF7F3 }
```

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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