

Converting Colors

Hex(9AF6F6)

Have a look what the booklet for
Hex(9AF6F6) contains.

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Color

Hex(9AF6F6)

Conversions

Conversions Part 1

Format	Color
Hex	9AF6F6
RGB	154, 246, 246
RGB Percent	60%, 96%, 96%
CMY	0.3961, 0.0353, 0.0353
CMYK	0.37, 0.00, 0.00, 0.04
HSL	180°, 84%, 78%
HSV	180°, 37%, 96%
XYZ	62.9167, 79.4354, 99.2053
YIQ	218.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

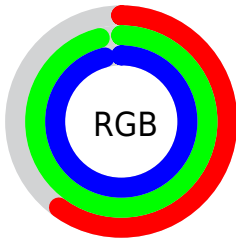
Format	Color
RYB	154, 200, 246
Decimal	10155766
CIELab	91.43, -27.31, -8.66
CIELCh	91, 28.647, 197.604
Yxy	79.4354, 0.2605, 0.3288
Android (android.graphics.Color)	4288345846 (0xFF9AF6F6)
YUV	218.4920, 13.5614, -56.5595
Hunter-Lab	89.1265, -29.9636, -3.6062

Details

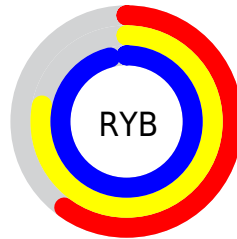
The Hex color **9AF6F6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F69A9A**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D4FFFF**, and **61BDBE** is the 20% darker color. If you saturate the color by 10%, you get **81F6F6**, and if you desaturate by 10%, it is **B3F6F6**.

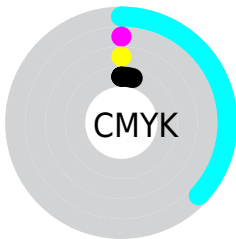
Distribution



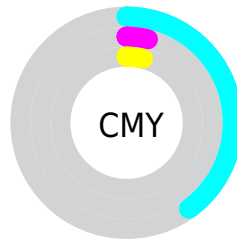
- Red (60%)
- Green (96%)
- Blue (96%)



- Red (60%)
- Yellow (78%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF6F6 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 9AF6F6 by changing the saturation by 10% instead.

 9AF6F6

 9AF6F6

FFFFFF

 7DD9DA


 D4FFFF

 61BDBE

 F2FFFF

 43A2A3

 228888

 006E6F

 005557

 003E40

 00272A

 000B16

 9AF6F6

 9AF6F6

 81F6F6

 B3F6F6

 69F6F6

 CBF6F6

 50F6F6

 E4F6F6

 38F6F6

 FCF6F6

 1FF6F6

 FFF6F6

 06F6F6

 00F6F6

Harmonies

Analogous

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



ADF5DA



9AF6F6



9DF3FF

Triad

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



9AF6F6



FFDAFF



FFE1B1

Complementary

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



9AF6F6



F69A9A

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.



FFD8BF



9AF6F6



FFD4F3

Square

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



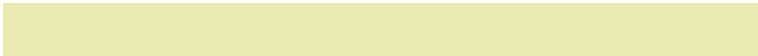
9AF6F6



DCE3FF



FFD3D7



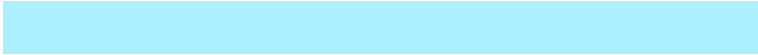
EAEAB2

Rectangle

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



9AF6F6



ACEFFF



FFD3D7



FFDEB4

Sweetspot

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



9AF6F6



E3FFFF



9AF69A



6F8080



000000



808080

Same Dimension

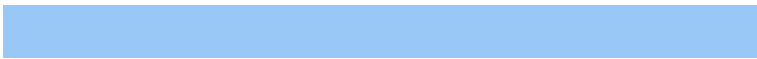
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9AF6F6



8CFFFF



9AC8F6



6E7A7A



00BABA



003B3B

Inverse Universe

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



F69AF6



FF8CFF



F6C89A



7A6E7A



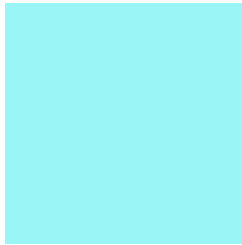
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 9AF6F6 looks on a white background.

Color Contrast Check

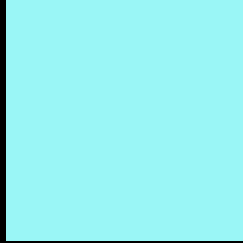
Large Text (above 18pt) WCAG AA × Fail

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 9AF6F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

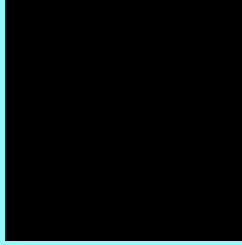
Any Text WCAG AA ✓ Pass

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 9AF6F6 Background



This preview shows how black text looks on a background with the Hex color 9AF6F6.

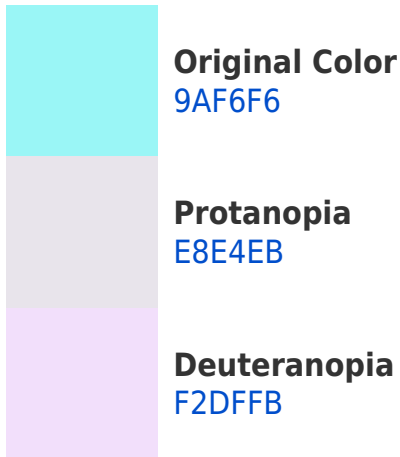


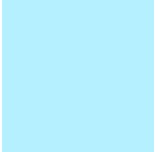
This preview shows how white text looks on a background with the Hex color 9AF6F6.

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



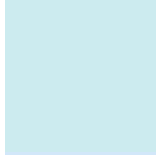


Tritanopia
B4F0FF

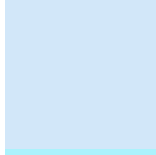
Trichromacy



Original Color
9AF6F6



Protanomaly
CCEBEF



Deuteranomaly
D2E7F9

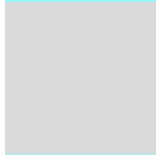


Tritanomaly
ABF2FC

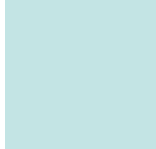
Monochromacy



Original Color
9AF6F6



Achromatopsia
DADADA



Achromatomaly
C3E4E4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF6F6 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 #9AF6F6 looks like.

```
.text, #text, p{  
    color:#9AF6F6  
}
```

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 #9AF6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF6F6  
}
```

Border

The CSS property to change the border of an element to Hex 9AF6F6 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  
#9AF6F6 }
```

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

```
.border{ border-color:#9AF6F6 }
```

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

Here you see how a box with a 4 pixel #9AF6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF6F6; -webkit-box-shadow:4px 4px  
4px 4px #9AF6F6; box-shadow:4px 4px 4px  
4px #9AF6F6 }
```

Background

The CSS property to change the background color of an element to Hex 9AF6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF6F6 }
```

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

```
.background{ background-color:#9AF6F6 }
```

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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