

# Converting Colors

Hex(AFF9F8)

Have a look what the booklet for  
Hex(AFF9F8) contains.

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# **Color**

**Hex(AFF9F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFF9F8
RGB	175, 249, 248
RGB Percent	69%, 98%, 97%
CMY	0.3137, 0.0235, 0.0275
CMYK	0.30, 0.00, 0.00, 0.02
HSL	179°, 86%, 83%
HSV	179°, 30%, 98%
XYZ	68.4982, 83.6426, 101.3413
YIQ	226.7600, -43.7830, -15.9990

# Conversions

## Conversions Part 2

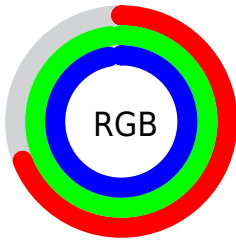
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 212, 249
Decimal	11532792
CIE <sub>Lab</sub>	93.30, -22.82, -6.83
CIE <sub>LCh</sub>	93, 23.819, 196.667
Yxy	83.6426, 0.2702, 0.3300
Android (android.graphics.Color)	4289722872 (0xFFAFF9F8)
YUV	226.7600, 10.4713, -45.3935
Hunter-Lab	91.4563, -26.3573, -1.6789

# Details

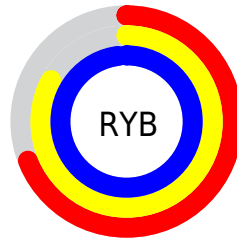
The Hex color **AFF9F8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F9AFB0**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **E8FFFF**, and **78C0C0** is the 20% darker color. If you saturate the color by 10%, you get **96F9F8**, and if you desaturate by 10%, it is **C8F9F8**.

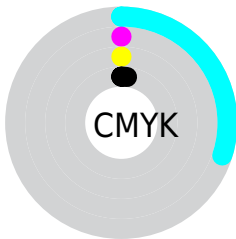
# Distribution



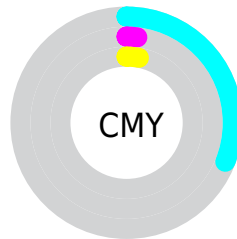
- Red (69%)
- Green (98%)
- Blue (97%)



- Red (69%)
- Yellow (83%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFF9F8 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 AFF9F8 by changing the saturation by 10% instead.



 AFF9F8

 AFF9F8

FFFFFF

 93DCDB

 E8FFFF

 78C0C0

 5CA5A5

 418B8A

 247171

 005858

 004141

 002A2B

 001417

 AFF9F8

 AFF9F8

 96F9F8

 C8F9F8

 7DF9F7

 E1F9F9

 64F9F7

 FAF9F9

 4BF9F7

 FFF9F9

 32F9F6

 FFF9FA

 1AF9F6

 FFF9FB

 01F9F6

 00F9F6

# Harmonies

## Analogous

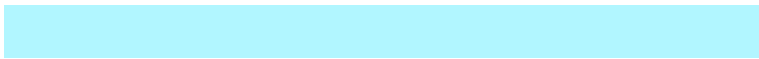
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BEF8E0



AFF9F8



B1F6FF

# Triad

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



AFF9F8



FFE2FF



FFE7C0

# Complementary

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



AFF9F8



F9AFB0

# 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.



FFE0CB



AFF9F8



FFDDF7

# Square

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



AFF9F8



E3E9FF



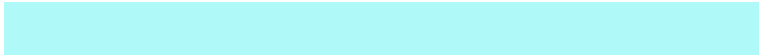
FFDCE0



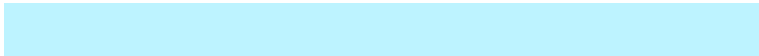
F0EEC0

# Rectangle

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



AFF9F8



BDF3FF



FFDCE0



FFE4C2



# Sweetspot

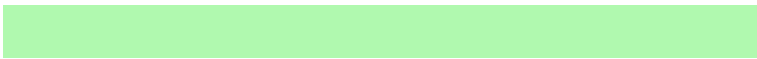
The Sweet Spot groups the original color and five complimentary colors.



AFF9F8



E8FFFF



B0F9AF



71807F



000000



808080



# Same Dimension

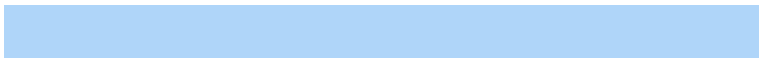
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AFF9F8



A3FFFE



AFD5F9



707D7D



00BDBA



003D3C



# Inverse Universe

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



F9AFB0



FFA3A4



F9D3AF



7D7071



BD0003

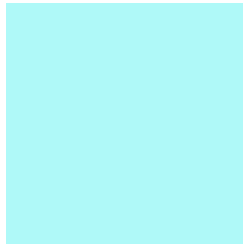


3D0001



# Previews

## White Background



This preview shows how the Hex color AFF9F8 looks on a white background.

## Color Contrast Check

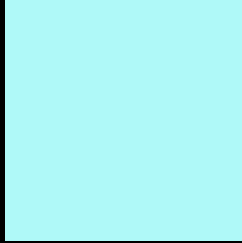
Large Text (above 18pt) WCAG AA × Fail

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 AFF9F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

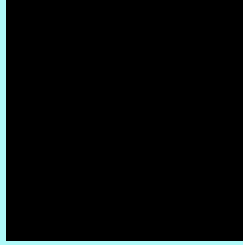
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFF9F8 Background



This preview shows how black text looks on a background with the Hex color AFF9F8.

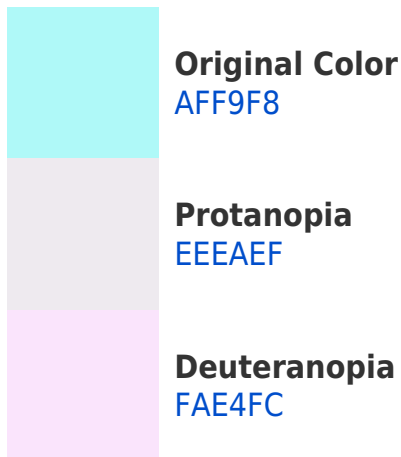


This preview shows how white text looks on a background with the Hex color AFF9F8.

# 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](#).

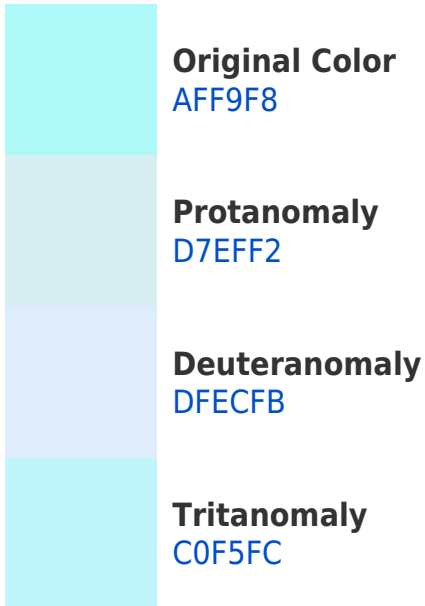
## Dichromacy



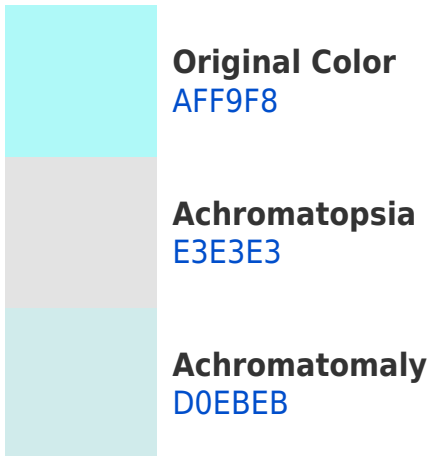


**Tritanopia**  
CAF2FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFF9F8 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 #AFF9F8 looks like.

```
.text, #text, p{  
    color:#AFF9F8  
}
```

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 #AFF9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFF9F8
}
```

## Border

The CSS property to change the border of an element to Hex AFF9F8 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
#AFF9F8 }
```

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

```
.border{ border-color:#AFF9F8 }
```

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

Here you see how a box with a 4 pixel #AFF9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFF9F8; -webkit-box-shadow:4px 4px  
4px 4px #AFF9F8; box-shadow:4px 4px 4px  
4px #AFF9F8 }
```

# Background

The CSS property to change the background color of an element to Hex AFF9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFF9F8 }
```

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

```
.background{ background-color:#AFF9F8 }
```

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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