

# Converting Colors

Hex(A8F7F8)

Have a look what the booklet for  
Hex(A8F7F8) contains.

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# Color

**Hex(A8F7F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8F7F8
RGB	168, 247, 248
RGB Percent	66%, 97%, 97%
CMY	0.3412, 0.0314, 0.0275
CMYK	0.32, 0.00, 0.00, 0.03
HSL	181°, 85%, 82%
HSV	181°, 32%, 97%
XYZ	66.3525, 81.6237, 101.0647
YIQ	223.4930, -47.4050, -16.4370

# Conversions

## Conversions Part 2

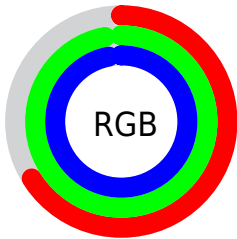
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 208, 248
Decimal	11073528
CIE Lab	92.41, -23.73, -8.18
CIE LCh	92, 25.099, 199.027
Yxy	81.6237, 0.2664, 0.3278
Android (android.graphics.Color)	4289263608 (0xFFA8F7F8)
YUV	223.4930, 12.0820, -48.6674
Hunter-Lab	90.3458, -27.0098, -3.0823

# Details

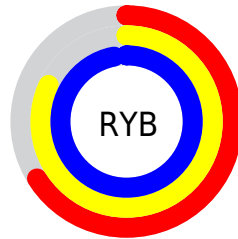
The Hex color **A8F7F8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F8A9A8**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **E2FFFF**, and **70BEC0** is the 20% darker color. If you saturate the color by 10%, you get **8FF7F8**, and if you desaturate by 10%, it is **C1F7F8**.

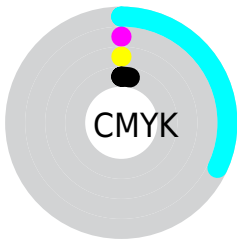
# Distribution



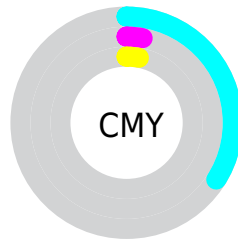
- Red (66%)
- Green (97%)
- Blue (97%)



- Red (66%)
- Yellow (82%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8F7F8 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 A8F7F8 by changing the saturation by 10% instead.



 A8F7F8

 A8F7F8

FFFFFF

 8CDADB

 E2FFFF

 70BEC0

 55A3A5

 38898A

 176F71

 005658

 003F41

 00282B

 001017

 A8F7F8

 A8F7F8

 8FF7F8

 C1F7F8

 76F6F8

 DAF8F8

 5EF6F8

 F2F8F8

 45F6F8

 FFF8F8

 2CF5F8

 FFF9F8

 13F5F8

 FFFAF8

 00F5F8

# Harmonies

## Analogous

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



B7F7DF



A8F7F8



ACF4FF

# Triad

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



A8F7F8



FFDEFF



FFE5BA

# Complementary

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



A8F7F8



F8A9A8

# 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.



FFDDC6



A8F7F8



FFD9F3

# Square

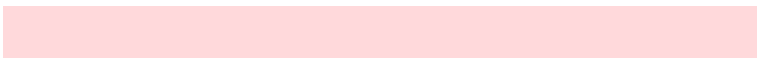
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A8F7F8



E2E6FF



FFD9DB



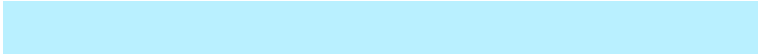
EBECBB

# Rectangle

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



A8F7F8



B9F0FF



FFD9DB



FFE2BD



# Sweetspot

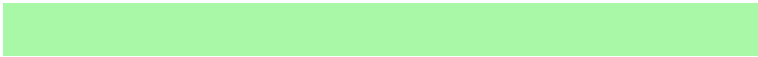
The Sweet Spot groups the original color and five complimentary colors.



A8F7F8



E6FFFF



A8F8A8



707F80



000000



808080



# Same Dimension

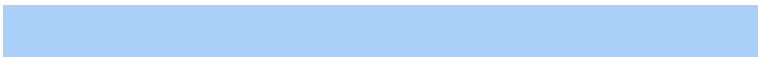
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A8F7F8



9CFEFF



A8D0F8



707D7D



00BABD



003C3D



# Inverse Universe

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



F8A8F7



FF9CFE



F8D0A8



7D707D



BD00BA

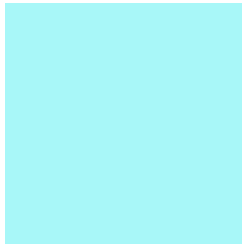


3D003C



# Previews

## White Background



This preview shows how the Hex color A8F7F8 looks on a white background.

## Color Contrast Check

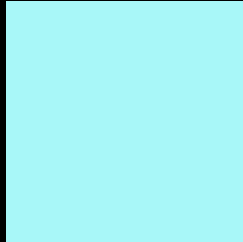
Large Text (above 18pt) WCAG AA × Fail

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 A8F7F8 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 A8F7F8 Background



This preview shows how black text looks on a background with the Hex color A8F7F8.

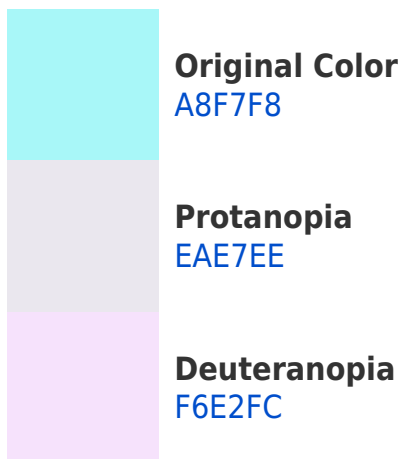


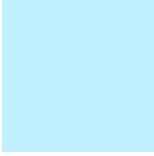
This preview shows how white text looks on a background with the Hex color A8F7F8.

# 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



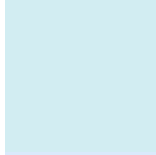


**Tritanopia**  
C1F1FF

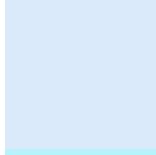
# Trichromacy



**Original Color**  
A8F7F8



**Protanomaly**  
D2EDF2



**Deuteranomaly**  
DAEAFB

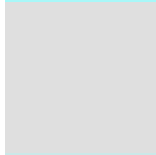


**Tritanomaly**  
B8F3FC

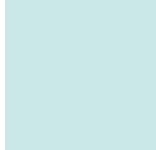
# Monochromacy



**Original Color**  
A8F7F8



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
CBE8E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8F7F8 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 #A8F7F8 looks like.

```
.text, #text, p{  
    color:#A8F7F8  
}
```

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 #A8F7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8F7F8
}
```

## Border

The CSS property to change the border of an element to Hex A8F7F8 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
#A8F7F8 }
```

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

```
.border{ border-color:#A8F7F8 }
```

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

Here you see how a box with a 4 pixel #A8F7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8F7F8; -webkit-box-shadow:4px 4px  
4px 4px #A8F7F8; box-shadow:4px 4px 4px  
4px #A8F7F8 }
```

# Background

The CSS property to change the background color of an element to Hex A8F7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8F7F8 }
```

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

```
.background{ background-color:#A8F7F8 }
```

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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