

# Converting Colors

Hex(AFE9DF)

Have a look what the booklet for  
Hex(AFE9DF) contains.

<b>Hex(AFE9DF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(AFE9DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">AFE9DF</a>
RGB	<a href="#">175, 233, 223</a>
RGB Percent	<a href="#">69%, 91%, 87%</a>
CMY	<a href="#">0.3137, 0.0863, 0.1255</a>
CMYK	<a href="#">0.25, 0.00, 0.04, 0.09</a>
HSL	<a href="#">170°, 57%, 80%</a>
HSV	<a href="#">170°, 25%, 91%</a>
XYZ	<a href="#">60.1374, 72.7195, 80.6787</a>
YIQ	<a href="#">214.5180, -31.3580, -15.4060</a>

# Conversions

## Conversions Part 2

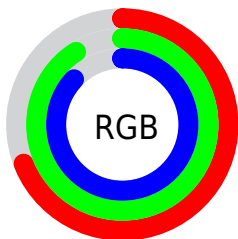
Format	Color
<b>RYB</b>	175, 207, 233
Decimal	11528671
CIELab	88.31, -20.38, -1.13
CIELCh	88, 20.414, 183.168
Yxy	72.7195, 0.2816, 0.3405
Android (android.graphics.Color)	4289718751 (0xFFAFE9DF)
YUV	214.5180, 4.1816, -34.6573
Hunter-Lab	85.2757, -23.3523, 3.5992

# Details

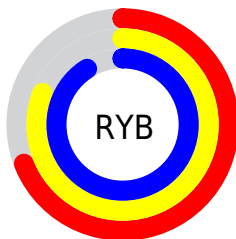
The Hex color **AFE9DF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9AFB9**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **E8FFFF**, and **79B1A8** is the 20% darker color. If you saturate the color by 10%, you get **98E9DB**, and if you desaturate by 10%, it is **C6E9E3**.

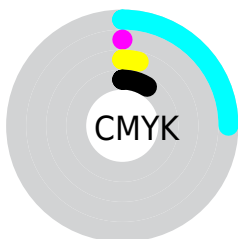
# Distribution



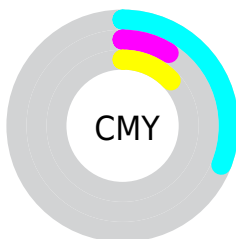
- Red (69%)
- Green (91%)
- Blue (87%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFE9DF 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 AFE9DF by changing the saturation by 10% instead.



 AFE9DF

 AFE9DF

FFFFFF

 94CDC3

 E8FFFF

 79B1A8

 5F968E

 457C74

 2C635B

 104B44

 00342E

 001F19

 000000

 AFE9DF

 AFE9DF

 98E9DB

 C6E9E3

 80E9D7

 DEE9E7

 69E9D3

 F5E9EB

 52E9CF

 FFE9EF

 3BE9CB

 FFE9F3

 23E9C7

 FFE9F7

 0CE9C3

 FFE9FB

 00E9C1

 FFE9FF

# Harmonies

## Analogous

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



BFE7CB



AFE9DF



AAE8F2

# Triad

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



AFE9DF



E4D8FE



FCD7BC

# Complementary

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



AFE9DF



E9AFB9

# 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.



FFD2C9



AFE9DF



F9D2F0

# Square

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



AFE9DF



CBDFFF



FFD0DC



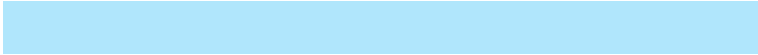
EBDDB7

# Rectangle

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



AFE9DF



B0E6FC



FFD0DC



FFD5BF



# Sweetspot

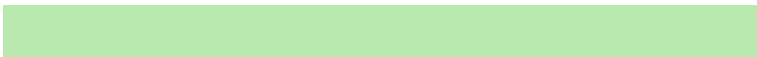
The Sweet Spot groups the original color and five complimentary colors.



AFE9DF



EDFFFC



BAE9AF



75807E



000000



808080

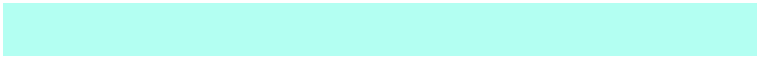


# Same Dimension

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



AFE9DF



B3FFF2



AFD7E9



6A7573



00B596



00362C



# Inverse Universe

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



E9AFB9



FFB3C0



E9C1AF



756A6C



B5001F

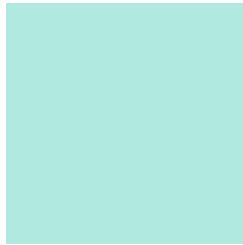


360009



# Previews

## White Background



This preview shows how the Hex color AFE9DF looks on a white background.

## Color Contrast Check

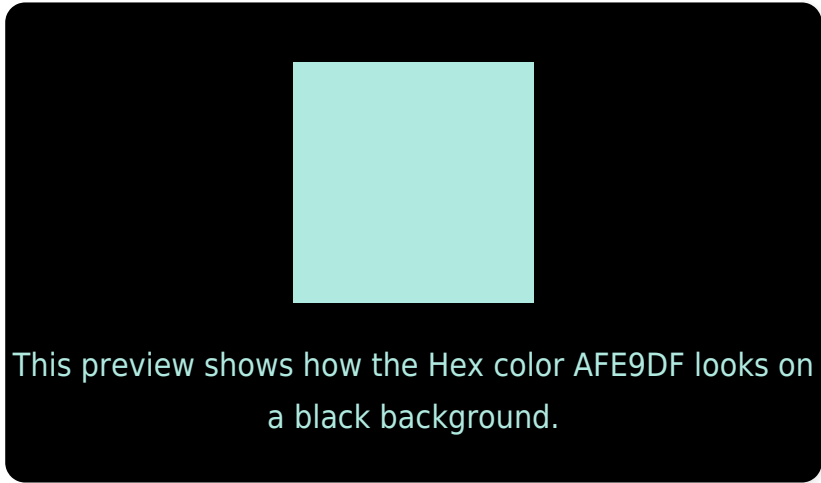
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

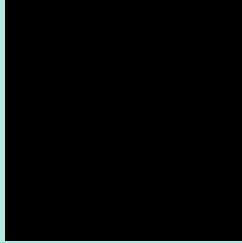
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

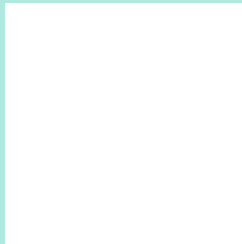
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFE9DF Background



This preview shows how black text looks on a background with the Hex color AFE9DF.

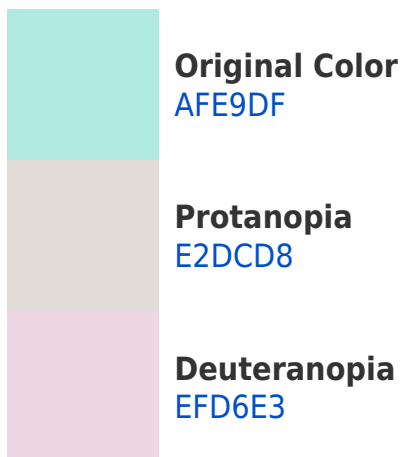


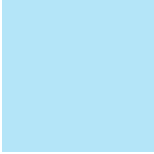
This preview shows how white text looks on a background with the Hex color AFE9DF.

# 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](#).

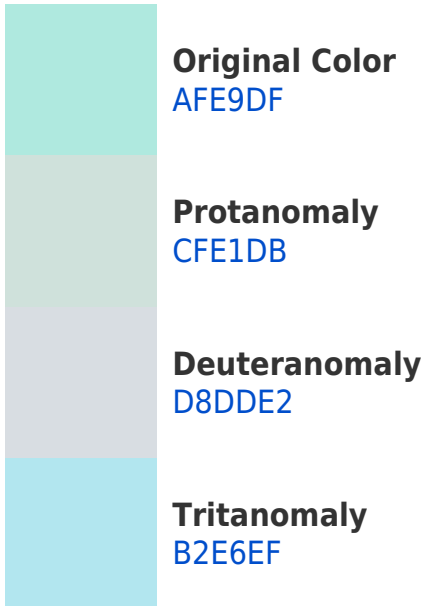
## Dichromacy



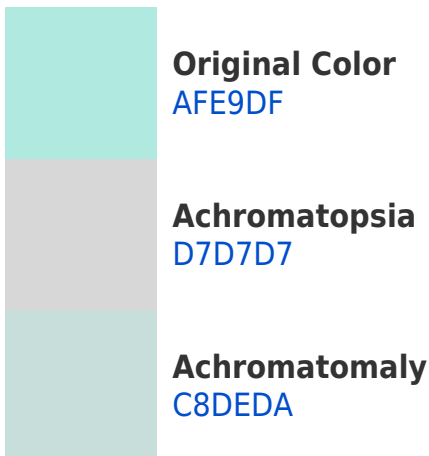


**Tritanopia**  
B4E5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFE9DF 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 #AFE9DF looks like.

```
.text, #text, p{  
    color:#AFE9DF  
}
```

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 #AFE9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE9DF
}
```

## Border

The CSS property to change the border of an element to Hex AFE9DF 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
#AFE9DF }
```

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

```
.border{ border-color:#AFE9DF }
```

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

Here you see how a box with a 4 pixel #AFE9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE9DF; -webkit-box-shadow:4px 4px  
4px 4px #AFE9DF; box-shadow:4px 4px 4px  
4px #AFE9DF }
```

# Background

The CSS property to change the background color of an element to Hex AFE9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE9DF }
```

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

```
.background{ background-color:#AFE9DF }
```

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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