

# Converting Colors

Hex(AAF9FE)

Have a look what the booklet for  
Hex(AAF9FE) contains.

<b>Hex(AAF9FE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AAF9FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAF9FE
RGB	170, 249, 254
RGB Percent	67%, 98%, 100%
CMY	0.3333, 0.0235, 0.0039
CMYK	0.33, 0.02, 0.00, 0.00
HSL	184°, 98%, 83%
HSV	184°, 33%, 100%
XYZ	68.3426, 83.4532, 106.2720
YIQ	225.9490, -48.6890, -15.1930

# Conversions

## Conversions Part 2

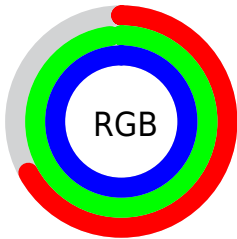
Format	Color
R <sub>Y</sub> B	170, 211, 254
Decimal	11205118
CIE Lab	93.21, -22.80, -10.09
CIE LCh	93, 24.935, 203.872
Yxy	83.4532, 0.2648, 0.3234
Android (android.graphics.Color)	4289395198 (0xFFAAF9FE)
YUV	225.9490, 13.8291, -49.0673
Hunter-Lab	91.3527, -26.3281, -5.0260

# Details

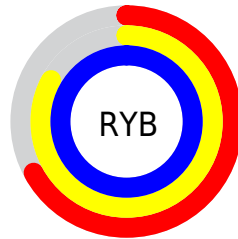
The Hex color **AAF9FE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FEAFAA**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **E4FFFF**, and **72C0C5** is the 20% darker color. If you saturate the color by 10%, you get **91F7FE**, and if you desaturate by 10%, it is **C3FBFE**.

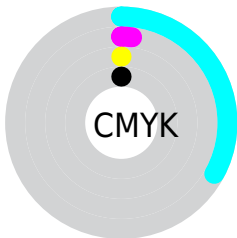
# Distribution



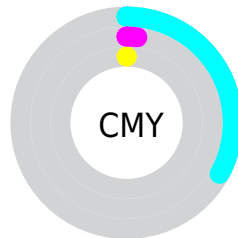
- Red (67%)
- Green (98%)
- Blue (100%)



- Red (67%)
- Yellow (83%)
- Blue (100%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAF9FE 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 AAF9FE by changing the saturation by 10% instead.



 AAF9FE

 AAF9FE

FFFFFF

 8EDCE1

 E4FFFF

 72C0C5

 56A5AA

 3A8B90

 187176

 00585D

 004146

 002A30

 00141B

 AAF9FE

 AAF9FE

 91F7FE

 C3FBFE

 77F6FE

 DDFCFE

 5EF4FE

 F6FEFE

 44F3FE

FFFFFFE

 2BF1FE

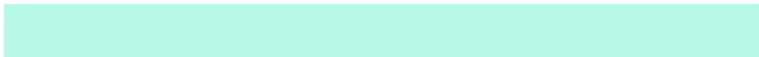
 12F0FE

 00EFFE

# Harmonies

## Analogous

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



B6F9E6



AAF9FE



B1F6FF

# Triad

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



AAF9FE



FFDFFF



FFE8BC

# Complementary

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



AAF9FE



FEAFAA

# 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.



FFE1C6



AAF9FE



FFDBF1

# Square

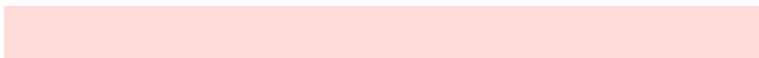
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AAF9FE



E9E7FF



FFDBD9



E9F0BF

# Rectangle

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



AAF9FE



C0F2FF



FFDBD9



FFE6BE

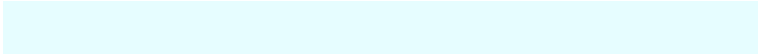


# Sweetspot

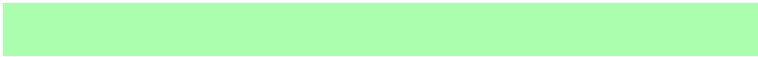
The Sweet Spot groups the original color and five complimentary colors.



AAF9FE



E6DFF



AAFEAE



707F80



000000



808080



# Same Dimension

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



AAF9FE



99F9FF



AAD0FE



737F80



00B4BF



003C40



# Inverse Universe

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



FEAAF9



FF99F9



FED8AA



80737F



BF00B4

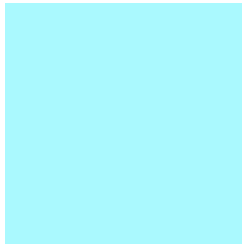


40003C



# Previews

## White Background



This preview shows how the Hex color AAF9FE looks on a white background.

## Color Contrast Check

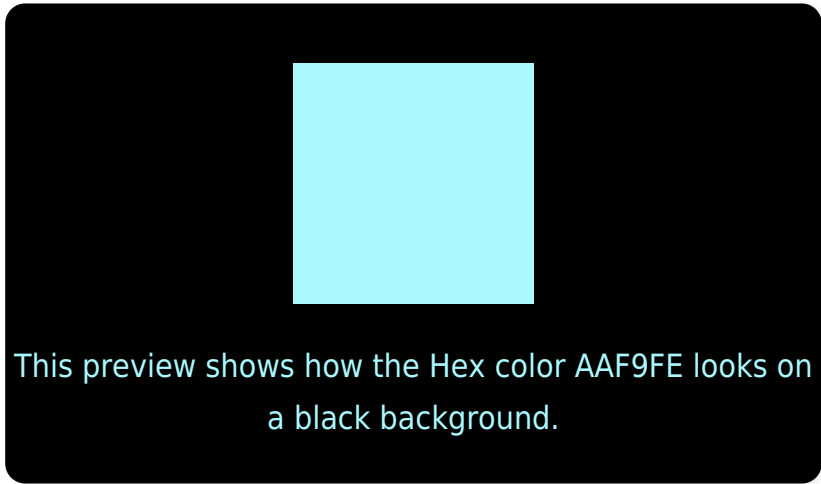
Large Text (above 18pt) WCAG AA × Fail

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 AAF9FE Background



This preview shows how black text looks on a background with the Hex color AAF9FE.

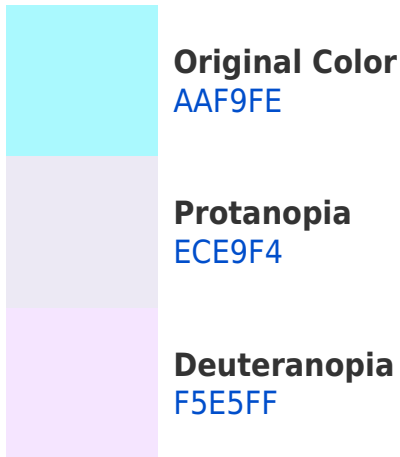


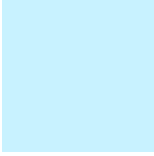
This preview shows how white text looks on a background with the Hex color AAF9FE.

# 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](#).

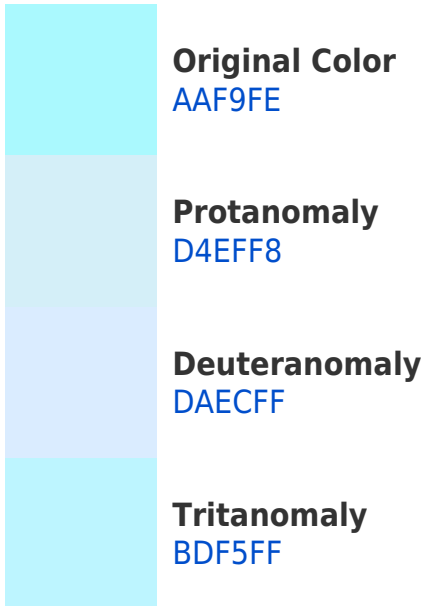
## Dichromacy



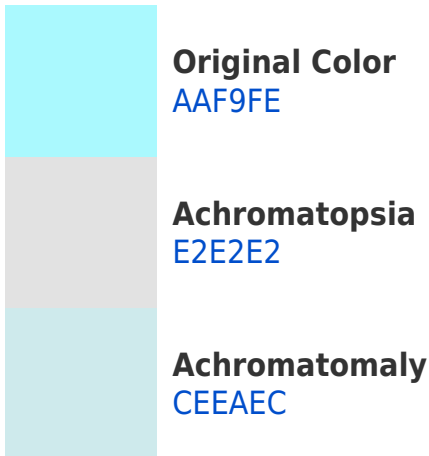


**Tritanopia**  
C8F2FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAF9FE 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 #AAF9FE looks like.

```
.text, #text, p{  
    color:#AAF9FE  
}
```

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 #AAF9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF9FE
}
```

## Border

The CSS property to change the border of an element to Hex AAF9FE 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
#AAF9FE }
```

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

```
.border{ border-color:#AAF9FE }
```

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

Here you see how a box with a 4 pixel #AAF9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF9FE; -webkit-box-shadow:4px 4px  
4px 4px #AAF9FE; box-shadow:4px 4px 4px  
4px #AAF9FE }
```

# Background

The CSS property to change the background color of an element to Hex AAF9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF9FE }
```

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

```
.background{ background-color:#AAF9FE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor