

Converting Colors

Hex(AAF4FE)

Have a look what the booklet for
Hex(AAF4FE) contains.

Hex(AAF4FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAF4FE)

Conversions

Conversions Part 1

Format	Color
Hex	AAF4FE
RGB	170, 244, 254
RGB Percent	67%, 96%, 100%
CMY	0.3333, 0.0431, 0.0039
CMYK	0.33, 0.04, 0.00, 0.00
HSL	187°, 98%, 83%
HSV	187°, 33%, 100%
XYZ	66.8176, 80.4032, 105.7636
YIQ	223.0140, -47.3140, -12.5780

Conversions

Conversions Part 2

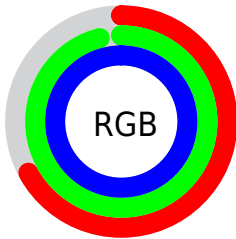
Format	Color
R _Y B	170, 209, 254
Decimal	11203838
CIE Lab	91.87, -20.35, -12.10
CIE LCh	92, 23.676, 210.725
Yxy	80.4032, 0.2641, 0.3178
Android (android.graphics.Color)	4289393918 (0xFFAAF4FE)
YUV	223.0140, 15.2761, -46.4933
Hunter-Lab	89.6678, -23.9061, -7.1654

Details

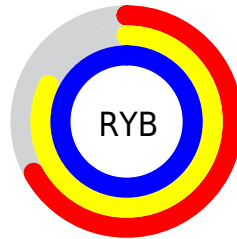
The Hex color **AAF4FE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEB4AA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **E4FFFF**, and **72BCC5** is the 20% darker color. If you saturate the color by 10%, you get **91F1FE**, and if you desaturate by 10%, it is **C3F7FE**.

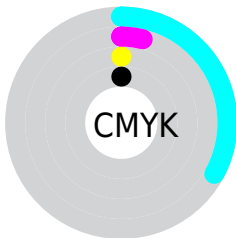
Distribution



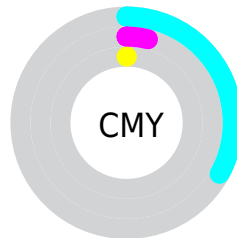
- Red (67%)
- Green (96%)
- Blue (100%)



- Red (67%)
- Yellow (82%)
- Blue (100%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAF4FE 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 AAF4FE by changing the saturation by 10% instead.

 AAF4FE

 AAF4FE

FFFFFF

 8ED7E1

 E4FFFF

 72BCC5

 57A1AA

 3A8690

 1A6D76

 00545D

 003D46

 00272F

 000E1B

 AAF4FE

 AAF4FE

 91F1FE

 C3F7FE

 77EEFE

 DDFAFE

 5EEBFE

 F6FD FE

 44E8FE

FFFFFFE

 2BE5FE

 12E2FE

 00E0FE

Harmonies

Analogous

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



B2F5E7



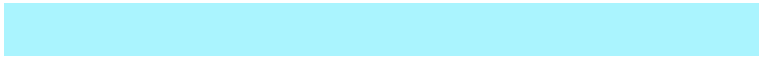
AAF4FE



B5F0FF

Triad

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



AAF4FE



FFDBFE



F9E6BA

Complementary

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



AAF4FE



FEB4AA

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.



FFDFC1



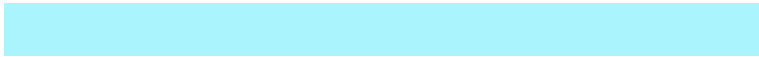
AAF4FE



FFD8E8

Square

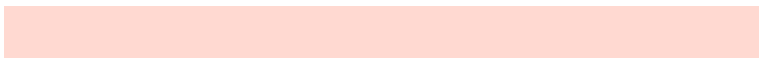
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AAF4FE



EDE2FF



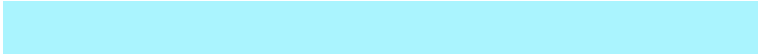
FFD9D1



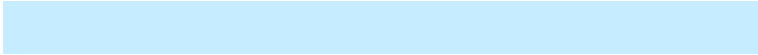
E0EDC0

Rectangle

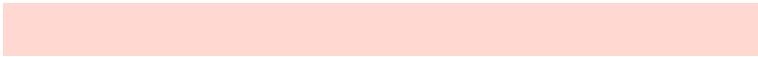
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AAF4FE



C5ECFF



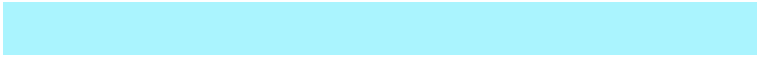
FFD9D1



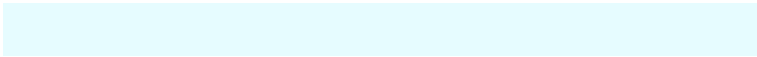
FFE4BB

Sweetspot

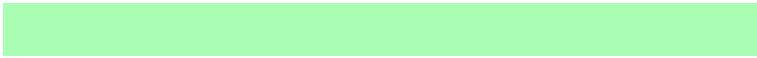
The Sweet Spot groups the original color and five complimentary colors.



AAF4FE



E6FCFF



AAFEB4



707E80



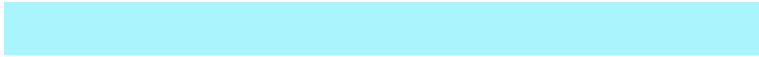
000000



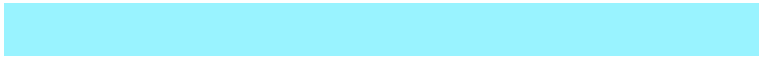
808080

Same Dimension

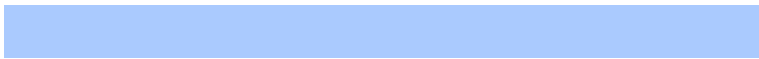
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AAF4FE



99F3FF



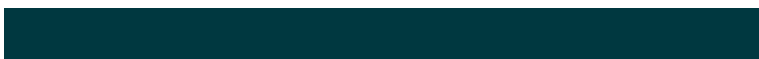
AACAFE



737E80



00A8BF



003840

Inverse Universe

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



FEAAF4



FF99F3



FEDEAA



80737E



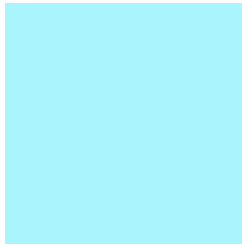
BF00A8



400038

Previews

White Background



This preview shows how the Hex color AAF4FE looks on a white background.

Color Contrast Check

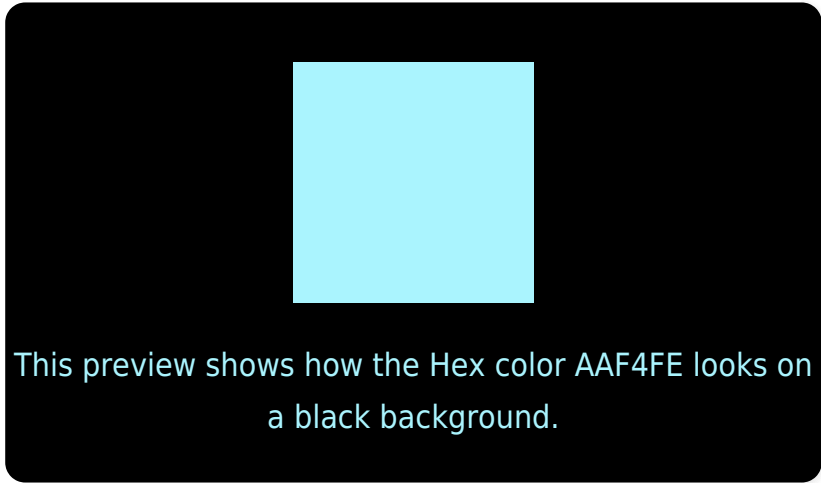
Large Text (above 18pt) WCAG AA × Fail

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

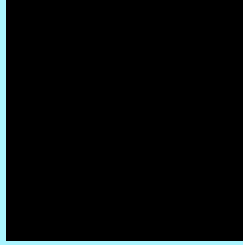
Any Text WCAG AA ✓ Pass

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 AAF4FE Background



This preview shows how black text looks on a background with the Hex color AAF4FE.

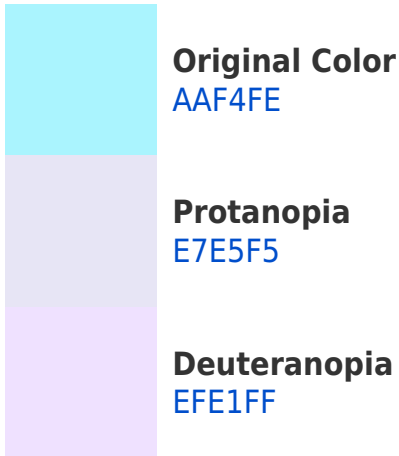


This preview shows how white text looks on a background with the Hex color AAF4FE.

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](#).

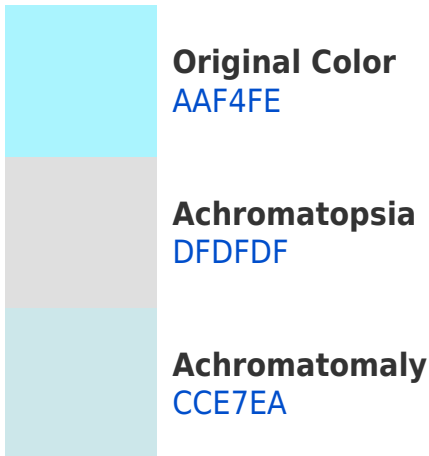
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAF4FE 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 #AAF4FE looks like.

```
.text, #text, p{  
    color:#AAF4FE  
}
```

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 #AAF4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF4FE
}
```

Border

The CSS property to change the border of an element to Hex AAF4FE 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
#AAF4FE }
```

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

```
.border{ border-color:#AAF4FE }
```

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

Here you see how a box with a 4 pixel #AAF4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF4FE; -webkit-box-shadow:4px 4px  
4px 4px #AAF4FE; box-shadow:4px 4px 4px  
4px #AAF4FE }
```

Background

The CSS property to change the background color of an element to Hex AAF4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF4FE }
```

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

```
.background{ background-color:#AAF4FE }
```

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