

Converting Colors

Hex(AAE3FF)

Have a look what the booklet for
Hex(AAE3FF) contains.

Hex(AAE3FF)	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(AAE3FF)

Conversions

Conversions Part 1

Format	Color
Hex	AAE3FF
RGB	170, 227, 255
RGB Percent	67%, 89%, 100%
CMY	0.3333, 0.1098, 0.0000
CMYK	0.33, 0.11, 0.00, 0.00
HSL	200°, 100%, 83%
HSV	200°, 33%, 100%
XYZ	62.0966, 70.7042, 104.9822
YIQ	213.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

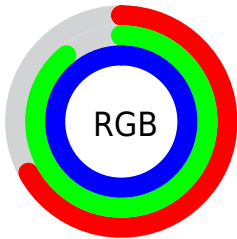
Format	Color
R _Y B	170, 204, 255
Decimal	11199487
CIE Lab	87.34, -11.58, -19.41
CIE LCh	87, 22.600, 239.180
Yxy	70.7042, 0.2611, 0.2973
Android (android.graphics.Color)	4289389567 (0xFFAAE3FF)
YUV	213.1490, 20.6325, -37.8417
Hunter-Lab	84.0858, -15.3294, -15.1643

Details

The Hex color **AAE3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC6AA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E3FFFF**, and **73ACC6** is the 20% darker color. If you saturate the color by 10%, you get **91DBFF**, and if you desaturate by 10%, it is **C3EBFF**.

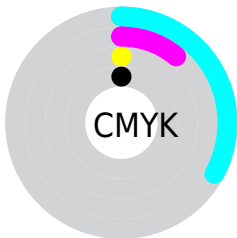
Distribution



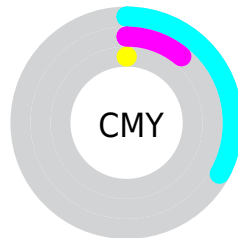
- Red (67%)
- Green (89%)
- Blue (100%)



- Red (67%)
- Yellow (80%)
- Blue (100%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAE3FF 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 AAE3FF by changing the saturation by 10% instead.

■ AAE3FF

■ AAE3FF

FFFFFF

■ 8EC7E2

■ E3FFFF

■ 73ACC6

■ 5891AB

■ 3C7790

■ 1E5F77

■ 00475E


■ 003046

■ 001C30

■ 00011B

 AAE3FF

 AAE3FF

 91DBFF

 C3EBFF

 77D2FF

 DDF4FF


 5ECAFF

 F7FCFF

 44C1FF

FFFFFF

 2AB9FF

 11B1FF

 00ABFF

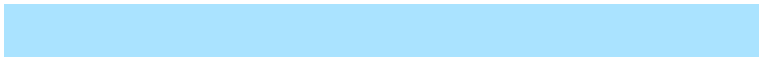
Harmonies

Analogous

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



A1E7EF



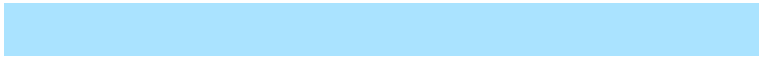
AAE3FF



C2DDFF

Triad

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



AAE3FF



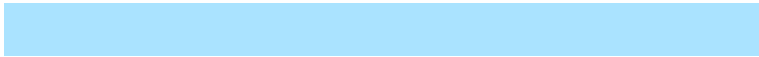
FFCCDC



D5E0B5

Complementary

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



AAE3FF



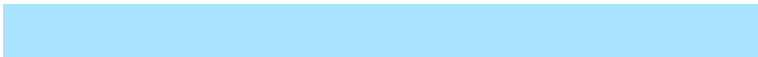
FFC6AA

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.



ECD9B0



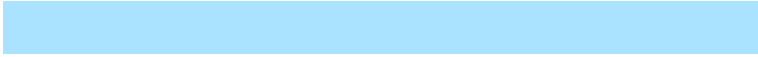
AAE3FF



FFCDC7

Square

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



AAE3FF



F6CFF1



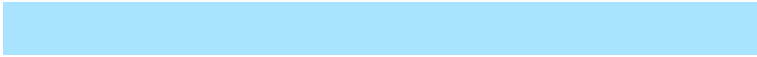
FED2B7



BCE5C4

Rectangle

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



AAE3FF



D5D8FF



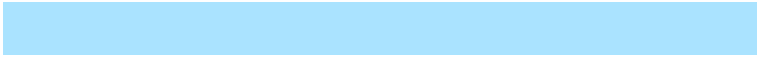
FED2B7



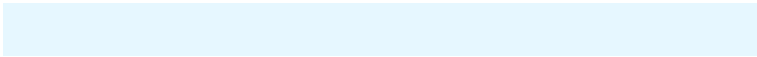
DDDEB2

Sweetspot

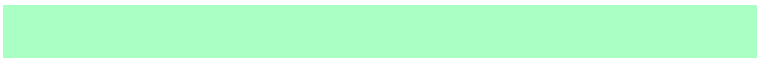
The Sweet Spot groups the original color and five complimentary colors.



AAE3FF



E6F7FF



AAFFC5



707A80



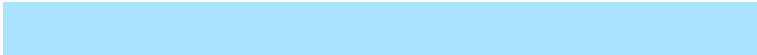
000000



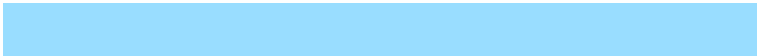
808080

Same Dimension

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



AAE3FF



99DDFF



AABAFF



737B80



0080BF



002B40

Inverse Universe

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



FFAAE3



FF99DD



FFEFAA



80737B



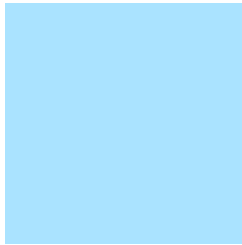
BF0080



40002B

Previews

White Background



This preview shows how the Hex color AAE3FF looks on a white background.

Color Contrast Check

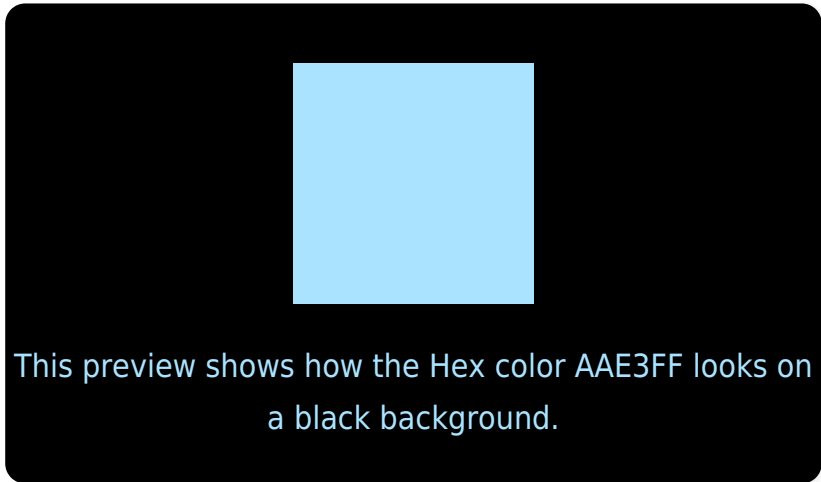
Large Text (above 18pt) WCAG AA × Fail

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 AAE3FF Background



This preview shows how black text looks on a background with the Hex color AAE3FF.

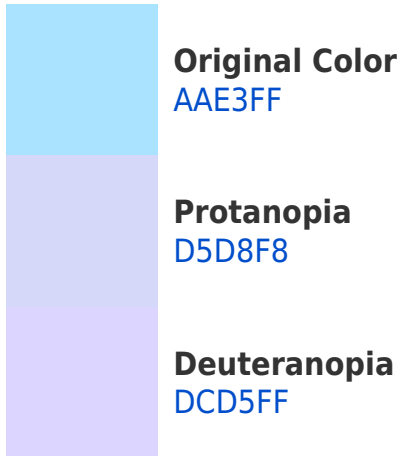


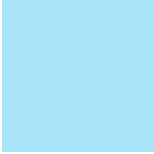
This preview shows how white text looks on a background with the Hex color AAE3FF.

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](#).

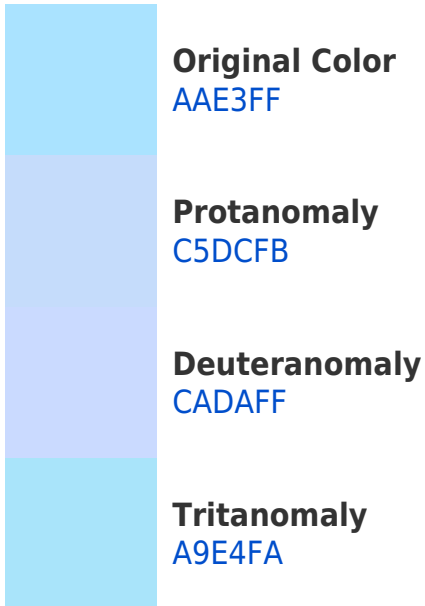
Dichromacy



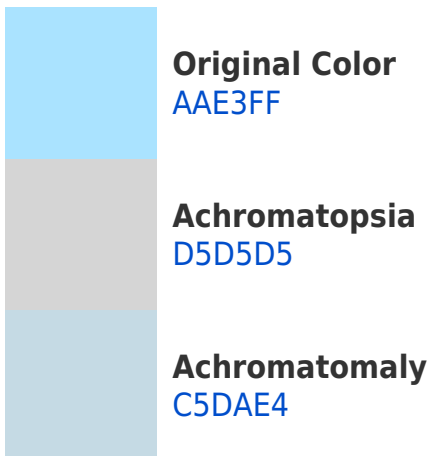


Tritanopia
A8E4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAE3FF 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 #AAE3FF looks like.

```
.text, #text, p{  
    color:#AAE3FF  
}
```

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 #AAE3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE3FF
}
```

Border

The CSS property to change the border of an element to Hex AAE3FF 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
#AAE3FF }
```

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

```
.border{ border-color:#AAE3FF }
```

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

Here you see how a box with a 4 pixel #AAE3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE3FF; -webkit-box-shadow:4px 4px  
4px 4px #AAE3FF; box-shadow:4px 4px 4px  
4px #AAE3FF }
```

Background

The CSS property to change the background color of an element to Hex AAE3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE3FF }
```

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

```
.background{ background-color:#AAE3FF }
```

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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