

Converting Colors

Hex(AFEBFF)

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

Hex(AFEBFF)	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(AFEBFF)

Conversions

Conversions Part 1

Format	Color
Hex	AFEFFF
RGB	175, 235, 255
RGB Percent	69%, 92%, 100%
CMY	0.3137, 0.0784, 0.0000
CMYK	0.31, 0.08, 0.00, 0.00
HSL	195°, 100%, 84%
HSV	195°, 31%, 100%
XYZ	65.4375, 75.7506, 105.7801
YIQ	219.3400, -42.1800, -6.5000

Conversions

Conversions Part 2

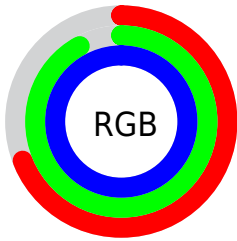
Format	Color
R_{YB}	175, 209, 255
Decimal	11529215
CIE _{Lab}	89.74, -14.29, -15.77
CIE _{LCh}	90, 21.277, 227.814
Yxy	75.7506, 0.2650, 0.3067
Android (android.graphics.Color)	4289719295 (0xFFAFEBFF)
YUV	219.3400, 17.5804, -38.8862
Hunter-Lab	87.0348, -18.1049, -11.1353

Details

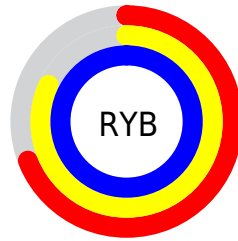
The Hex color **AFE8FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC3AF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E8FFFF**, and **78B3C6** is the 20% darker color. If you saturate the color by 10%, you get **95E5FF**, and if you desaturate by 10%, it is **C9F1FF**.

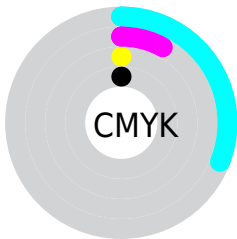
Distribution



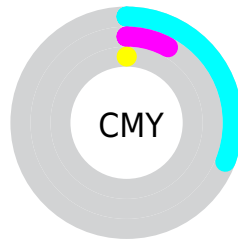
- Red (69%)
- Green (92%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 AFEBFF

 AFEBFF

FFFFFF

 93CFE2

 E8FFFF

 78B3C6

 5D98AB

 427E90

 256577

 004D5E

 003646

 002130

 00011C

 AFEBFF

 AFEBFF

 95E5FF

 C9F1FF

 7CDEFF

 E2F8FF

 62D8FF

 FCFEFF

 49D2FF

 FFFFFFFF

 30CBFF

 16C5FF

 00BFFF

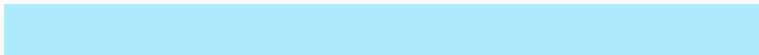
Harmonies

Analogous

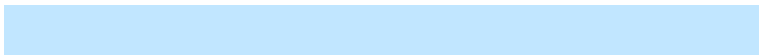
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACEDED



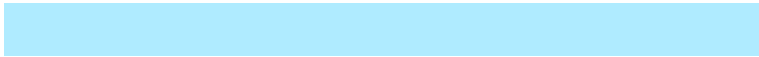
AFE6FF



C1E6FF

Triad

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



AFE8FF



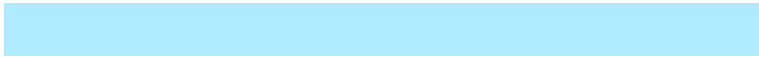
FFD4EB



E5E4BB

Complementary

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



AFE8FF



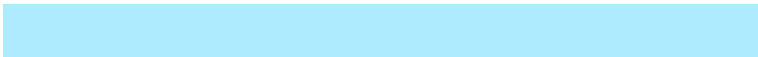
FFC3AF

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.



FADDBA



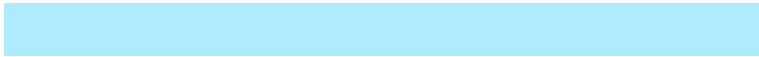
AFE8FF



FFD4D6

Square

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



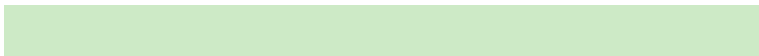
AFE8FF



F4D9FD



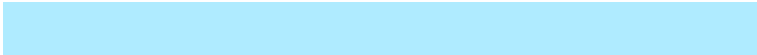
FFD7C4



CDEAC6

Rectangle

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



AFE2FF



D2E2FF



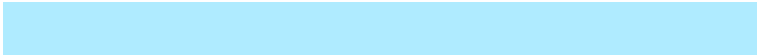
FFD7C4



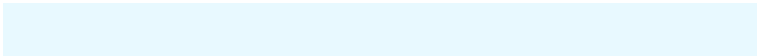
ECE2B9

Sweetspot

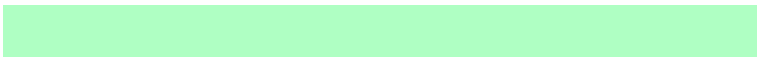
The Sweet Spot groups the original color and five complimentary colors.



AFE8FF



E8F9FF



AFFFC3



717C80



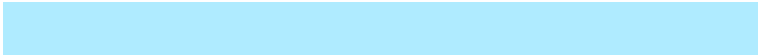
000000



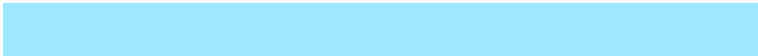
808080

Same Dimension

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



AFE7FF



9EE7FF



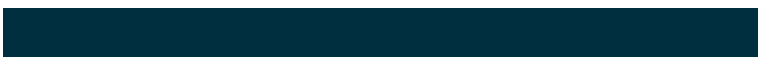
AFC3FF



737C80



008FBF



003040

Inverse Universe

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



FFAFEB



FF9EE7



FFEBAF



80737C



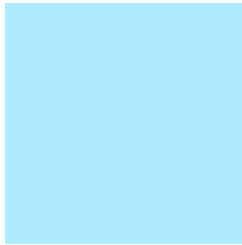
BF008F



400030

Previews

White Background



This preview shows how the Hex color AFE8FF looks on a white background.

Color Contrast Check

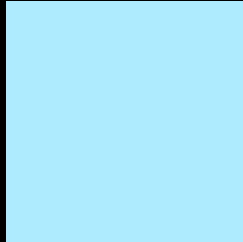
Large Text (above 18pt) WCAG AA × Fail

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 AFEBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

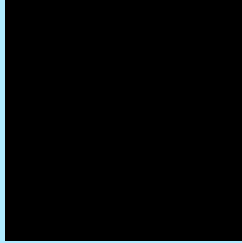
Any Text WCAG AA ✓ Pass

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 AFEBFF Background



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



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

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](#).

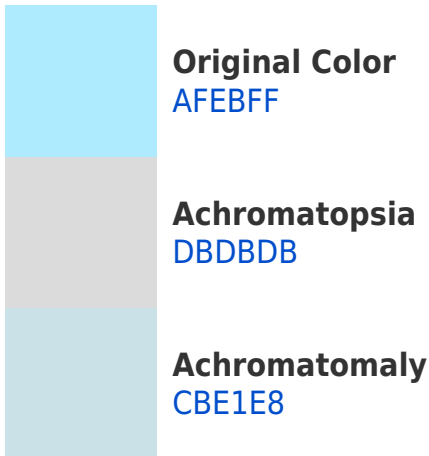
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #AFEFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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