

# Converting Colors

Hex(AFD3FF)

Have a look what the booklet for  
Hex(AFD3FF) contains.

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# **Color**

**Hex(AFD3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFD3FF
RGB	175, 211, 255
RGB Percent	69%, 83%, 100%
CMY	0.3137, 0.1725, 0.0000
CMYK	0.31, 0.17, 0.00, 0.00
HSL	213°, 100%, 84%
HSV	213°, 31%, 100%
XYZ	59.0235, 62.9225, 103.6421
YIQ	205.2520, -35.5800, 6.0520

# Conversions

## Conversions Part 2

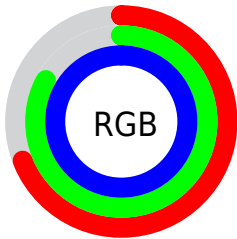
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 200, 255</a>
Decimal	<a href="#">11523071</a>
CIELab	<a href="#">83.40, -1.88, -25.36</a>
CIELCh	<a href="#">83, 25.426, 265.767</a>
Yxy	<a href="#">62.9225, 0.2616, 0.2789</a>
Android (android.graphics.Color)	<a href="#">4289713151 (0xFFAFD3FF)</a>
YUV	<a href="#">205.2520, 24.5258, -26.5310</a>
Hunter-Lab	<a href="#">79.3237, -5.9976, -21.9401</a>

# Details

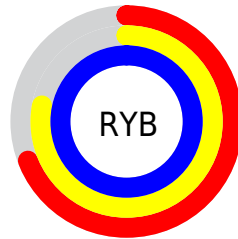
The Hex color **AFD3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDBAF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E8FFFF**, and **789DC6** is the 20% darker color. If you saturate the color by 10%, you get **95C5FF**, and if you desaturate by 10%, it is **C9E1FF**.

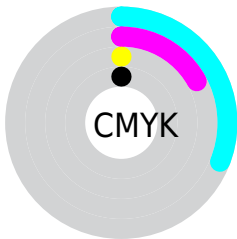
# Distribution



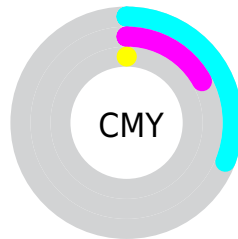
- Red (69%)
- Green (83%)
- Blue (100%)



- Red (69%)
- Yellow (78%)
- Blue (100%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFD3FF 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 AFD3FF by changing the saturation by 10% instead.



 AFD3FF

 AFD3FF

FFFFFF

 93B7E2

 E8FFFF

 789DC6

 5E83AB

 436A90

 285176

 053B5E

 002546

 00102F

 00011A

 AFD3FF

 AFD3FF

 95C5FF

 C9E1FF

 7CB7FF

 E2EFFF

 62A9FF

 FCFDFF

 499BFF

FFFFFF

 308DFF

 167FFF

 0073FF

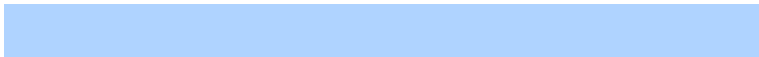
# Harmonies

## Analogous

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



95D9F7



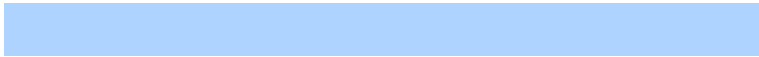
AFD3FF



CFCBFB

# Triad

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



AFD3FF



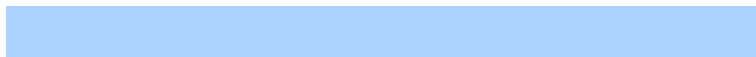
FFC0BC



B0DAB4

# Complementary

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



AFD3FF



FFDBAF

# 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.



CCD5A4



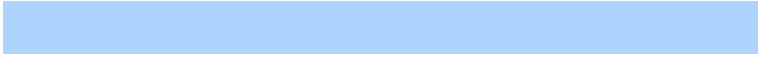
AFD3FF



F8C5A9

# Square

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



AFD3FF



FDBFD4



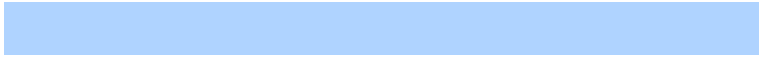
E5CDA0



98DDCB

# Rectangle

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



AFD3FF



E3C6F1



E5CDA0

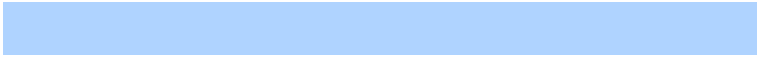


B9D9AE



# Sweetspot

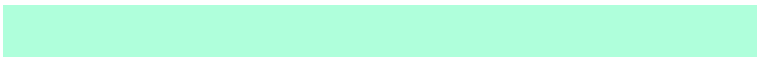
The Sweet Spot groups the original color and five complimentary colors.



AFD3FF



E8F2FF



AFFFDB



717880



000000



808080



# Same Dimension

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



AFD3FF



9ECAFF



B3AFFF



737880



0056BF



001D40



# Inverse Universe

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



FFAFD3



FF9ECA



FBFFAF



807378



BF0056

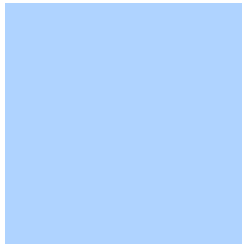


40001D



# Previews

## White Background



This preview shows how the Hex color AFD3FF looks on a white background.

## Color Contrast Check

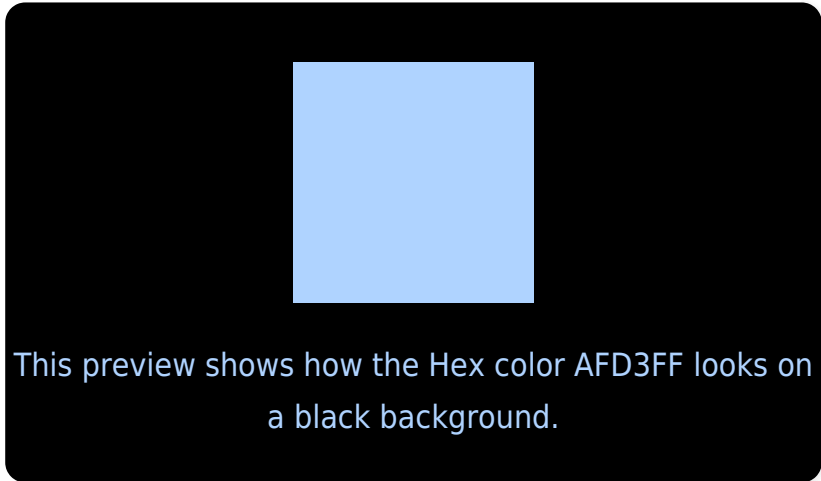
Large Text (above 18pt) WCAG AA × Fail

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

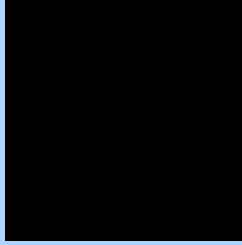
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

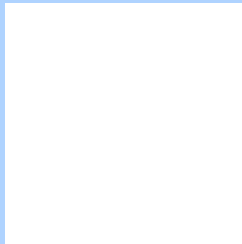
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFD3FF Background



This preview shows how black text looks on a background with the Hex color AFD3FF.

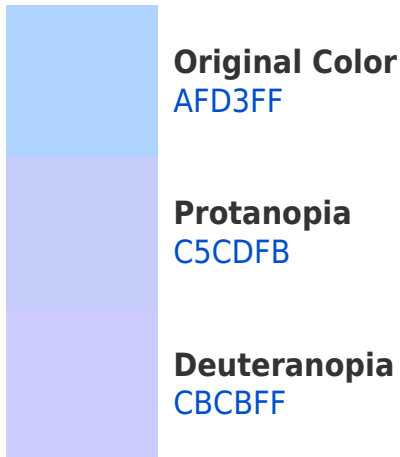


This preview shows how white text looks on a background with the Hex color AFD3FF.

# 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



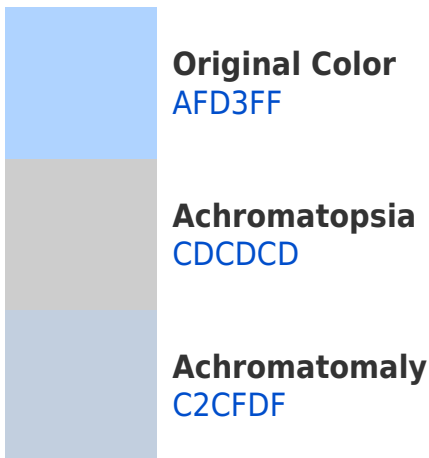


**Tritanopia**  
AAD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFD3FF 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 #AFD3FF looks like.

```
.text, #text, p{  
    color:#AFD3FF  
}
```

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 #AFD3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD3FF }  
}
```

## Border

The CSS property to change the border of an element to Hex AFD3FF 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 #AFD3FF }  
}
```

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

```
.border{ border-color:#AFD3FF }
```

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

Here you see how a box with a 4 pixel #AFD3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD3FF; -webkit-box-shadow:4px 4px  
4px 4px #AFD3FF; box-shadow:4px 4px 4px  
4px #AFD3FF }
```

# Background

The CSS property to change the background color of an element to Hex AFD3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD3FF }
```

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

```
.background{ background-color:#AFD3FF }
```

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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