

# Converting Colors

Hex(AFD9FF)

Have a look what the booklet for  
Hex(AFD9FF) contains.

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# **Color**

**Hex(AFD9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFD9FF
RGB	175, 217, 255
RGB Percent	69%, 85%, 100%
CMY	0.3137, 0.1490, 0.0000
CMYK	0.31, 0.15, 0.00, 0.00
HSL	208°, 100%, 84%
HSV	208°, 31%, 100%
XYZ	60.5421, 65.9597, 104.1483
YIQ	208.7740, -37.2300, 2.9140

# Conversions

## Conversions Part 2

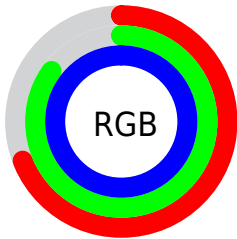
Format	Color
R <sub>Y</sub> B	175, 203, 255
Decimal	11524607
CIE Lab	84.98, -5.03, -22.96
CIE LCh	85, 23.507, 257.632
Yxy	65.9597, 0.2625, 0.2860
Android (android.graphics.Color)	4289714687 (0xFFAFD9FF)
YUV	208.7740, 22.7894, -29.6198
Hunter-Lab	81.2156, -9.0646, -19.1808

# Details

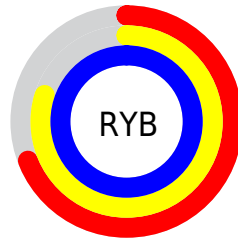
The Hex color **AFD9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD5AF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E8FFFF**, and **78A2C6** is the 20% darker color. If you saturate the color by 10%, you get **95CDFF**, and if you desaturate by 10%, it is **C9E5FF**.

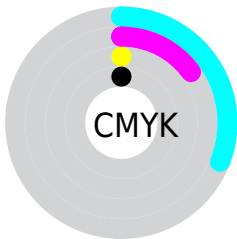
# Distribution



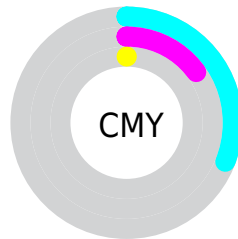
- Red (69%)
- Green (85%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFD9FF 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 AFD9FF by changing the saturation by 10% instead.



 AFD9FF

 AFD9FF

FFFFFF

 93BDE2

 E8FFFF

 78A2C6

 5E88AB

 436F90

 285677

 033F5E

 002946

 00152F

 00011A

 AFD9FF

 AFD9FF

 95CDFF

 C9E5FF

 7CC1FF

 E2F1FF

 62B5FF

 FCFDFF

 49A9FF

FFFFFF

 309CFF

 1690FF

 0086FF

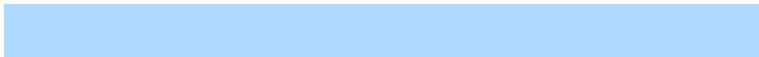
# Harmonies

## Analogous

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



9BDEF4



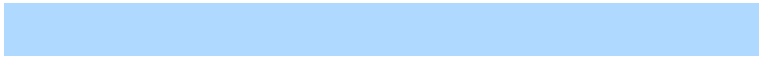
AFD9FF



CCD2FE

# Triad

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



AFD9FF



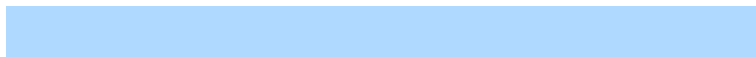
FFC5C8



BEDDB6

# Complementary

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



AFD9FF



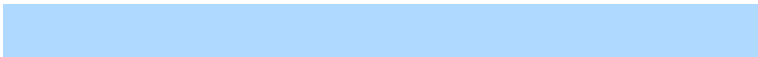
FFD5AF

# 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.



D7D7AA



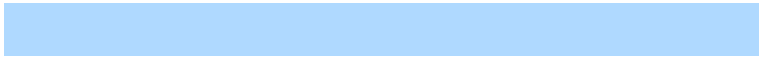
AFD9FF



FDC9B4

# Square

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



AFD9FF



FBC5DE



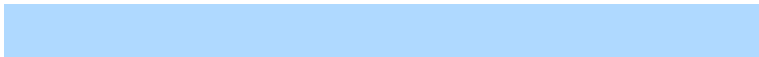
EED0A9



A7E0CA

# Rectangle

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



AFD9FF



DFCDF7



EED0A9

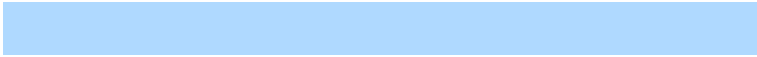


C7DBB1

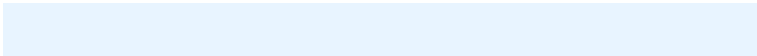


# Sweetspot

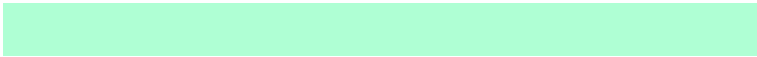
The Sweet Spot groups the original color and five complimentary colors.



AFD9FF



E8F4FF



AFFFD4



717980



000000

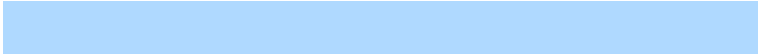


808080

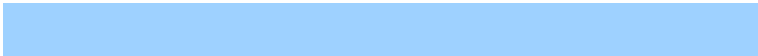


# Same Dimension

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



AFD9FF



9ED1FF



AFB2FF



737980



0064BF



002140



# Inverse Universe

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



FFAFD9



FF9ED1



FFFCAF



807379



BF0064

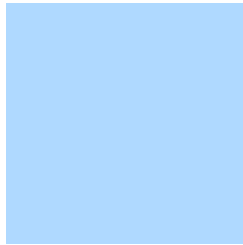


400021



# Previews

## White Background



This preview shows how the Hex color AFD9FF looks on a white background.

## Color Contrast Check

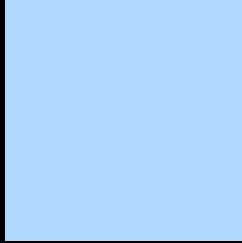
Large Text (above 18pt) WCAG AA × Fail

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 AFD9FF 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

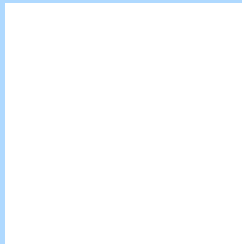
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFD9FF Background



This preview shows how black text looks on a background with the Hex color AFD9FF.

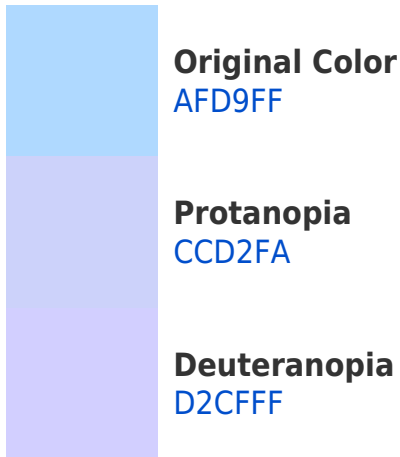


This preview shows how white text looks on a background with the Hex color AFD9FF.

# Color Blindness Simulation

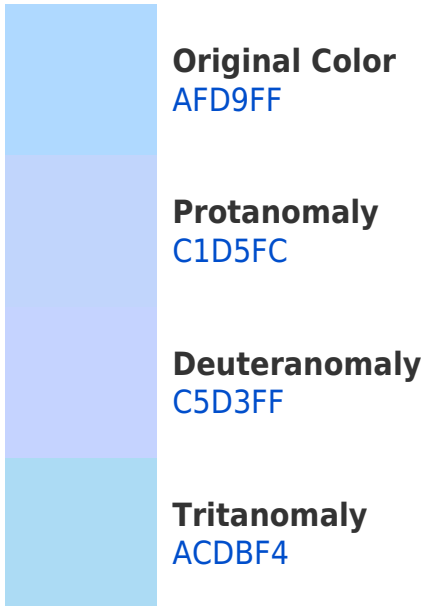
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

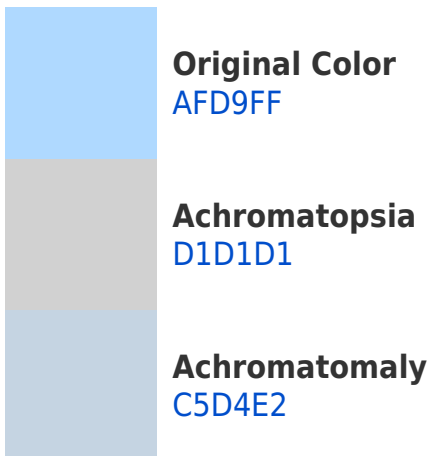




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFD9FF 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 #AFD9FF looks like.

```
.text, #text, p{  
    color:#AFD9FF  
}
```

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 #AFD9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD9FF
}
```

## Border

The CSS property to change the border of an element to Hex AFD9FF 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
#AFD9FF }
```

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

```
.border{ border-color:#AFD9FF }
```

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

Here you see how a box with a 4 pixel #AFD9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD9FF; -webkit-box-shadow:4px 4px  
4px 4px #AFD9FF; box-shadow:4px 4px 4px  
4px #AFD9FF }
```

# Background

The CSS property to change the background color of an element to Hex AFD9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD9FF }
```

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

```
.background{ background-color:#AFD9FF }
```

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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