

# Converting Colors

Hex(ACF5F8)

Have a look what the booklet for  
Hex(ACF5F8) contains.

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# **Color**

**Hex(ACF5F8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | ACF5F8                       |
| RGB         | 172, 245, 248                |
| RGB Percent | 67%, 96%, 97%                |
| CMY         | 0.3255, 0.0392, 0.0275       |
| CMYK        | 0.31, 0.01, 0.00, 0.03       |
| HSL         | 182°, 84%, 82%               |
| HSV         | 182°, 31%, 97%               |
| XYZ         | 66.6089, 80.8528, 100.9024   |
| YIQ         | 223.5150, -44.4710, -14.5430 |

# Conversions

## Conversions Part 2

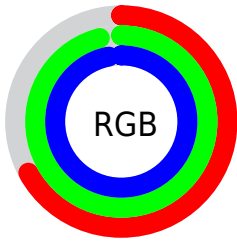
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 172, 209, 248                  |
| Decimal                             | 11335160                       |
| CIE Lab                             | 92.07, -21.68, -8.67           |
| CIE LCh                             | 92, 23.350, 201.792            |
| Yxy                                 | 80.8528, 0.2682,<br>0.3255     |
| Android<br>(android.graphics.Color) | 4289525240<br>(0xFFACF5F8)     |
| YUV                                 | 223.5150, 12.0711,<br>-45.1787 |
| Hunter-Lab                          | 89.9182, -25.1289,<br>-3.5900  |

# Details

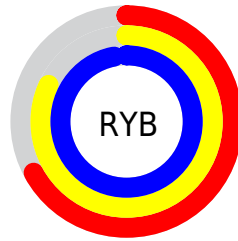
The Hex color **ACF5F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8AFAC**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **E5FFFF**, and **75BDC0** is the 20% darker color. If you saturate the color by 10%, you get **93F4F8**, and if you desaturate by 10%, it is **C5F6F8**.

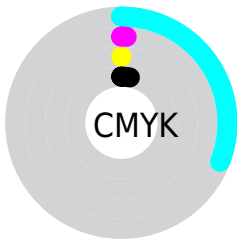
# Distribution



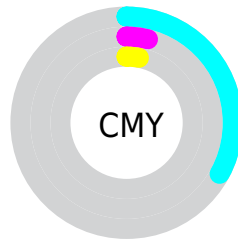
- Red (67%)
- Green (96%)
- Blue (97%)



- Red (67%)
- Yellow (82%)
- Blue (97%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACF5F8 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 ACF5F8 by changing the saturation by 10% instead.



 ACF5F8

 ACF5F8

FFFFFF

 90D8DB

 E5FFFF

 75BDC0

 59A1A5

 3E878A

 206E71

 005558

 003D41

 00272B

 000F17

 ACF5F8

 ACF5F8

 93F4F8

 C5F6F8

 7AF3F8

 DEF7F8

 62F2F8

 F6F8F8

 49F1F8

 FFF9F8

 30F0F8

 FFFAF8

 17EFF8

 FFFBF8

 00EEF8

 FFFCF8

 FFFDF8

 FFFEF8

# Harmonies

## Analogous

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



B8F5E1



ACF5F8



B1F2FF

# Triad

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



ACF5F8



FFDDFF



FFE5BC

# Complementary

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



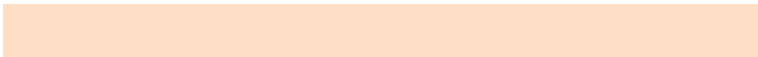
ACF5F8



F8AFAC

# 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.



FFDEC6



ACF5F8



FFD9EF

# Square

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



ACF5F8



E4E5FF



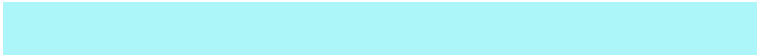
FFD9D9



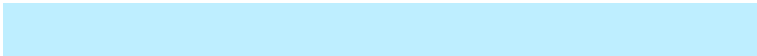
E8ECBE

# Rectangle

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



ACF5F8



BEEEFF



FFD9D9



FFE2BE



# Sweetspot

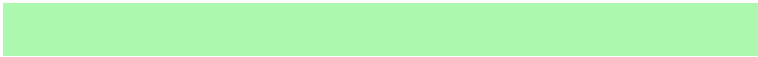
The Sweet Spot groups the original color and five complimentary colors.



ACF5F8



E8FEFF



ACF8AF



717F80



000000



808080



# Same Dimension

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



ACF5F8



A1FBFF



ACCFF8



707C7D



00B5BD



003B3D



# Inverse Universe

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



F8ACF5



FFA1FB



F8D5AC



7D707C



BD00B5

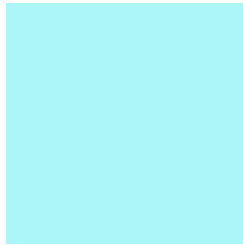


3D003B



# Previews

## White Background



This preview shows how the Hex color ACF5F8 looks on a white background.

## Color Contrast Check

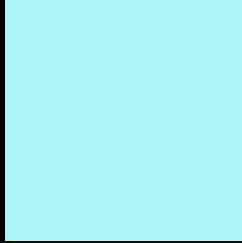
Large Text (above 18pt) WCAG AA × Fail

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 ACF5F8 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 ACF5F8 Background



This preview shows how black text looks on a background with the Hex color ACF5F8.



This preview shows how white text looks on a background with the Hex color ACF5F8.

# 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

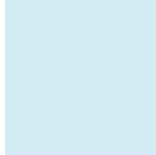




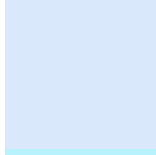
# Trichromacy



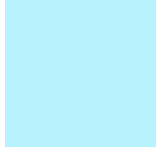
**Original Color**  
ACF5F8



**Protanomaly**  
D3EBF2



**Deuteranomaly**  
DAE8FB

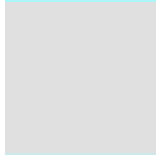


**Tritanomaly**  
B8F2FC

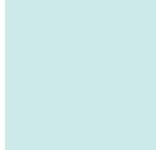
# Monochromacy



**Original Color**  
ACF5F8



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
CDE8E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACF5F8 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 #ACF5F8 looks like.

```
.text, #text, p{  
    color:#ACF5F8  
}
```

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 #ACF5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACF5F8 }  
}
```

## Border

The CSS property to change the border of an element to Hex ACF5F8 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 #ACF5F8 }  
}
```

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

```
.border{ border-color:#ACF5F8 }
```

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

Here you see how a box with a 4 pixel #ACF5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACF5F8; -webkit-box-shadow:4px 4px  
4px 4px #ACF5F8; box-shadow:4px 4px 4px  
4px #ACF5F8 }
```

# Background

The CSS property to change the background color of an element to Hex ACF5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACF5F8 }
```

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

```
.background{ background-color:#ACF5F8 }
```

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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