

Converting Colors

Hex(AFC5F9)

Have a look what the booklet for
Hex(AFC5F9) contains.

Hex(AFC5F9)	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(AFC5F9)

Conversions

Conversions Part 1

Format	Color
Hex	AFC5F9
RGB	175, 197, 249
RGB Percent	69%, 77%, 98%
CMY	0.3137, 0.2275, 0.0235
CMYK	0.30, 0.21, 0.00, 0.02
HSL	222°, 86%, 83%
HSV	222°, 30%, 98%
XYZ	54.7443, 55.8860, 97.5243
YIQ	196.3500, -29.8040, 11.5080

Conversions

Conversions Part 2

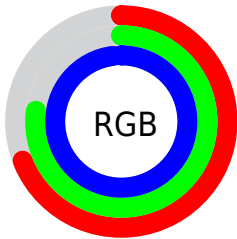
Format	Color
R _Y B	175, 192, 249
Decimal	11519481
CIE Lab	79.55, 4.16, -28.05
CIE LCh	80, 28.356, 278.438
Yxy	55.8860, 0.2630, 0.2685
Android (android.graphics.Color)	4289709561 (0xFFAFC5F9)
YUV	196.3500, 25.9565, -18.7239
Hunter-Lab	74.7570, -0.1096, -25.0170

Details

The Hex color **AFC5F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9E3AF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E8FEFF**, and **798FC0** is the 20% darker color. If you saturate the color by 10%, you get **96B4F9**, and if you desaturate by 10%, it is **C8D6F9**.

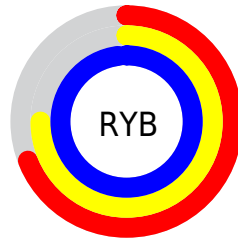
Distribution



Red (69%)

Green (77%)

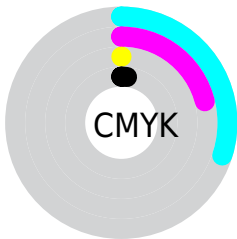
Blue (98%)



Red (69%)

Yellow (75%)

Blue (98%)

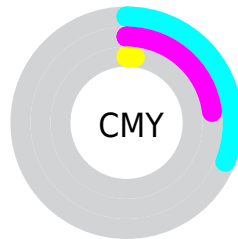


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFC5F9 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 AFC5F9 by changing the saturation by 10% instead.

 AFC5F9

 AFC5F9

FFFFFF

 94AADC

 E8FEFF

 798FC0

 5E76A5

 445D8B

 2A4671

 0B3058

 001B41

 00012B

 000115

 AFC5F9

 AFC5F9

 96B4F9

 C8D6F9

 7DA2F9

 E1E8F9

 6491F9

 FAF9F9

 4B7FF9

 FFFFF9

 326EF9

 1A5CF9

 014BF9

 004AF9

Harmonies

Analogous

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



8CCDF6



AFC5F9



D3BCEF

Triad

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



AFC5F9



F8B5A5



96D2B1

Complementary

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



AFC5F9



F9E3AF

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.



B4CD9B



AFC5F9



E9BD95

Square

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



AFC5F9



FAB2BE



D1C691



7ED4CC

Rectangle

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



AFC5F9



E6B6E1



D1C691



9FD1A9

Sweetspot

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



AFC5F9



E8EFFF



AFF9E3



717680



000000



808080

Same Dimension

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



AFC5F9



A3BEFF



BEAFF9



70747D



0038BD



00123D

Inverse Universe

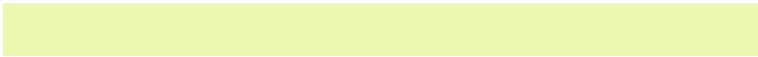
The Inverse Universe completely reimagines the original color for something new.



F9AFC5



FFA3BE



EAF9AF



7D7074



BD0038



3D0012

Previews

White Background



This preview shows how the Hex color AFC5F9 looks on a white background.

Color Contrast Check

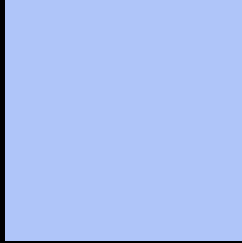
Large Text (above 18pt) WCAG AA × Fail

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 AFC5F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

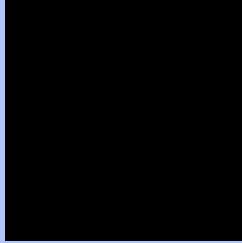
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

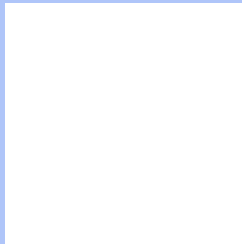
Any Text WCAG AAA ✓ Pass

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

Hex AFC5F9 Background



This preview shows how black text looks on a background with the Hex color AFC5F9.



This preview shows how white text looks on a background with the Hex color AFC5F9.

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

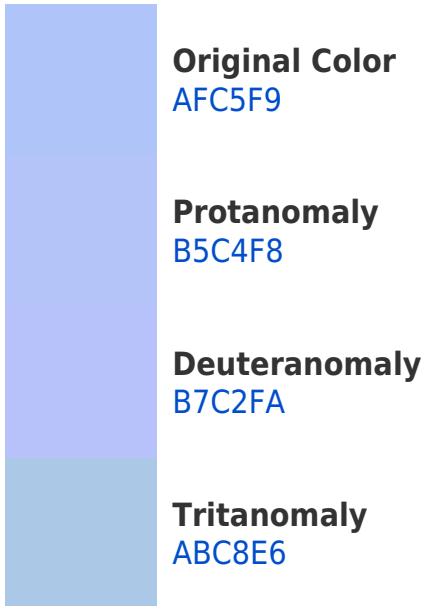


Original Color
AFC5F9

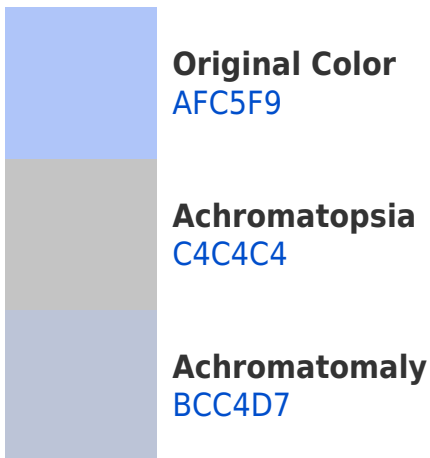
Protanopia
B8C3F7

Deuteranopia
BCC1FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFC5F9 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 #AFC5F9 looks like.

```
.text, #text, p{  
    color:#AFC5F9  
}
```

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 #AFC5F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC5F9
}
```

Border

The CSS property to change the border of an element to Hex AFC5F9 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
#AFC5F9 }
```

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

```
.border{ border-color:#AFC5F9 }
```

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

Here you see how a box with a 4 pixel #AFC5F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC5F9; -webkit-box-shadow:4px 4px  
4px 4px #AFC5F9; box-shadow:4px 4px 4px  
4px #AFC5F9 }
```

Background

The CSS property to change the background color of an element to Hex AFC5F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC5F9 }
```

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

```
.background{ background-color:#AFC5F9 }
```

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