

# Converting Colors

Hex(AFC6E9)

Have a look what the booklet for  
Hex(AFC6E9) contains.

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# **Color**

**Hex(AFC6E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFC6E9
RGB	175, 198, 233
RGB Percent	69%, 78%, 91%
CMY	0.3137, 0.2235, 0.0863
CMYK	0.25, 0.15, 0.00, 0.09
HSL	216°, 57%, 80%
HSV	216°, 25%, 91%
XYZ	52.5813, 55.3853, 85.0099
YIQ	195.1130, -24.9430, 6.0090

# Conversions

## Conversions Part 2

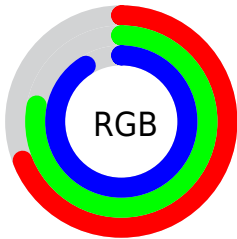
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 191, 233</a>
Decimal	<a href="#">11519721</a>
CIELab	<a href="#">79.26, -0.16, -19.92</a>
CIELCh	<a href="#">79, 19.917, 269.545</a>
Yxy	<a href="#">55.3853, 0.2725, 0.2870</a>
Android (android.graphics.Color)	<a href="#">4289709801 (0xFFAFC6E9)</a>
YUV	<a href="#">195.1130, 18.6783, -17.6391</a>
Hunter-Lab	<a href="#">74.4213, -4.1208, -15.6308</a>

# Details

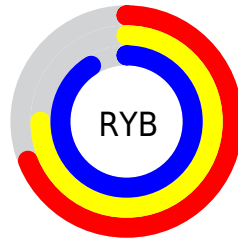
The Hex color **AFC6E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9D2AF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E7FFFF**, and **7990B1** is the 20% darker color. If you saturate the color by 10%, you get **98B8E9**, and if you desaturate by 10%, it is **C6D4E9**.

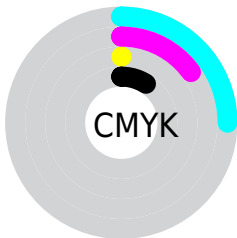
# Distribution



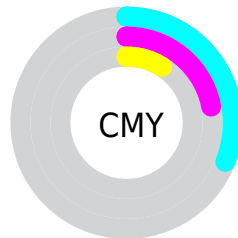
- Red (69%)
- Green (78%)
- Blue (91%)



- Red (69%)
- Yellow (75%)
- Blue (91%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFC6E9 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 AFC6E9 by changing the saturation by 10% instead.



 AFC6E9

FFFFFF

 E7FFFF

 AFC6E9

 94ABCD

 7990B1

 607797

 475E7D

 2E4764

 15304C

 001C35

 000220

 000003

 AFC6E9

 AFC6E9

 98B8E9

 C6D4E9

 80AAE9

 DEE2E9

 699CE9

 F5F0E9

 528EE9

 FFFEE9

 3B80E9

 FFFFE9

 2372E9

 0C64E9

 005CE9

# Harmonies

## Analogous

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



9BCBE4



AFC6E9



C7C0E5

# Triad

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



AFC6E9



EBB9B3



AACDB1

# Complementary

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



AFC6E9



E9D2AF

# 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.



BFC9A4



AFC6E9



E3BDA5

# Square

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



AFC6E9



E9B7C5



D3C39F



99CFC3

# Rectangle

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



AFC6E9



D6BCDD



D3C39F



B1CCAC

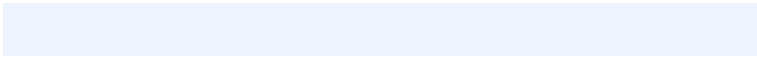


# Sweetspot

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



AFC6E9



EDF4FF



AFE9D2



757980



000000



808080



# Same Dimension

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



AFC6E9



B3D1FF



B5AFE9



6A6E75



0048B5



001536



# Inverse Universe

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



E9AFC6



FFB3D1



E3E9AF



756A6E



B50048

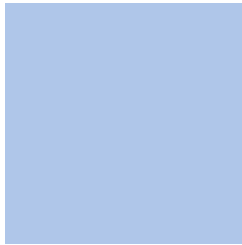


360015



# Previews

## White Background



This preview shows how the Hex color AFC6E9 looks on a white background.

## Color Contrast Check

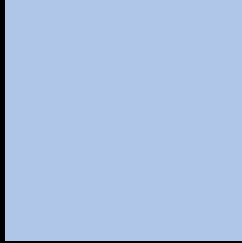
Large Text (above 18pt) WCAG AA × Fail

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 AFC6E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

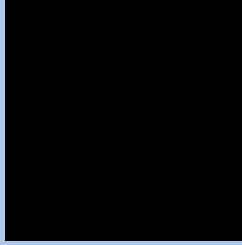
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

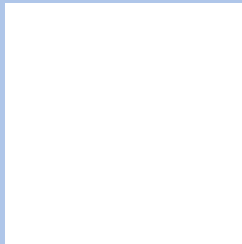
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFC6E9 Background



This preview shows how black text looks on a background with the Hex color AFC6E9.

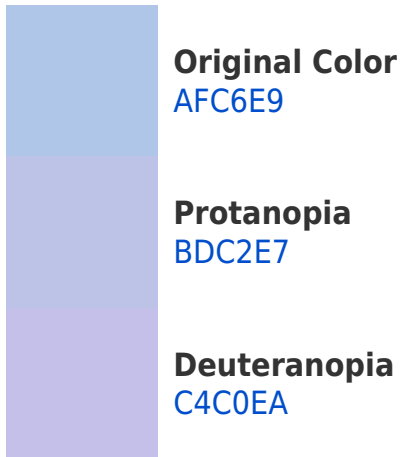


This preview shows how white text looks on a background with the Hex color AFC6E9.

# Color Blindness Simulation

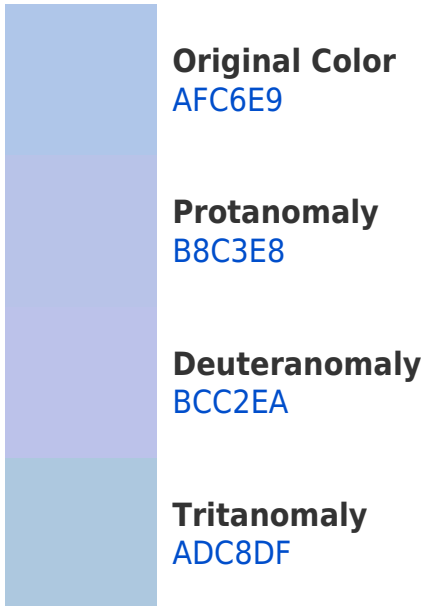
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

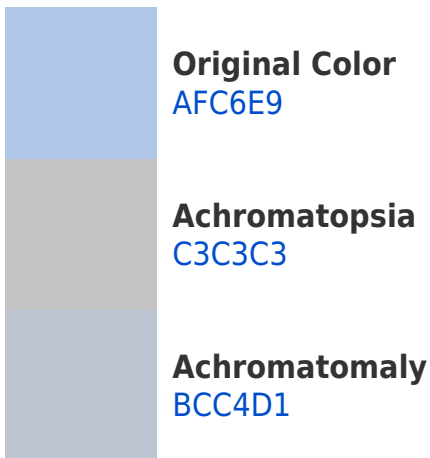




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFC6E9 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 #AFC6E9 looks like.

```
.text, #text, p{  
    color:#AFC6E9  
}
```

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 #AFC6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC6E9
}
```

## Border

The CSS property to change the border of an element to Hex AFC6E9 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
#AFC6E9 }
```

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

```
.border{ border-color:#AFC6E9 }
```

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

Here you see how a box with a 4 pixel #AFC6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC6E9; -webkit-box-shadow:4px 4px  
4px 4px #AFC6E9; box-shadow:4px 4px 4px  
4px #AFC6E9 }
```

# Background

The CSS property to change the background color of an element to Hex AFC6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC6E9 }
```

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

```
.background{ background-color:#AFC6E9 }
```

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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