

# Converting Colors

Hex(AFE3F5)

Have a look what the booklet for  
Hex(AFE3F5) contains.

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# **Color**

**Hex(AFE3F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFE3F5
RGB	175, 227, 245
RGB Percent	69%, 89%, 96%
CMY	0.3137, 0.1098, 0.0392
CMYK	0.29, 0.07, 0.00, 0.04
HSL	195°, 78%, 82%
HSV	195°, 29%, 96%
XYZ	61.6297, 70.6447, 96.7738
YIQ	213.5040, -36.7700, -5.4260

# Conversions

## Conversions Part 2

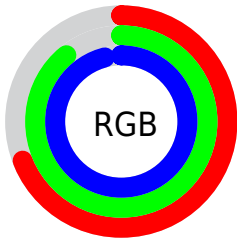
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 205, 245
Decimal	11527157
CIELab	87.31, -12.54, -14.17
CIELCh	87, 18.923, 228.480
Yxy	70.6447, 0.2691, 0.3084
Android (android.graphics.Color)	4289717237 (0xFFAFE3F5)
YUV	213.5040, 15.5275, -33.7680
Hunter-Lab	84.0504, -16.2036, -9.4299

# Details

The Hex color **AFE3F5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F5C1AF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E8FFFF**, and **78ACBD** is the 20% darker color. If you saturate the color by 10%, you get **96DDF5**, and if you desaturate by 10%, it is **C8E9F5**.

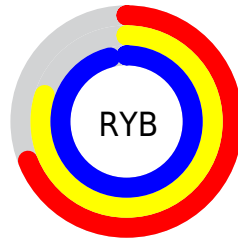
# Distribution



Red (69%)

Green (89%)

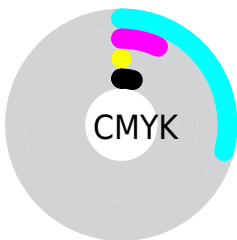
Blue (96%)



Red (69%)

Yellow (80%)

Blue (96%)

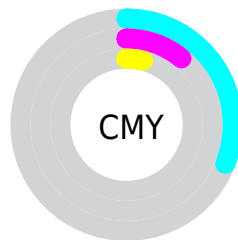


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (11%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFE3F5 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 AFE3F5 by changing the saturation by 10% instead.



 AFE3F5

 AFE3F5

FFFFFF

 93C7D9


 E8FFFF

 78ACBD

 5E91A2

 447787

 295F6E

 084756

 00303E

 001C29

 000114

 AFE3F5

 AFE3F5

 96DDF5

 C8E9F5

 7ED6F5

 E0F0F5

 66D0F5

 F9F6F5

 4DCAF5

 FFFCF5

 34C3F5

 FFFFF5

 1CBDF5

 03B7F5

 00B6F5

# Harmonies

## Analogous

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



ACE5E5



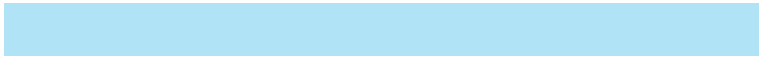
AFE3F5



BFDEFD

# Triad

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



AFE3F5



FBCFE2



DDDB9

# Complementary

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



AFE3F5



F5C1AF

# 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.



F0D7B8



AFE3F5



FFCFD0

# Square

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



AFE3F5



EBD3F3



FDD2C1



C8E2C3

# Rectangle

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



AFE3F5



CDDBF5



FDD2C1



E4DBB7

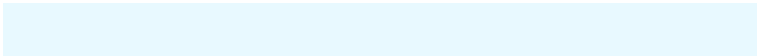


# Sweetspot

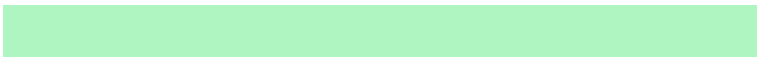
The Sweet Spot groups the original color and five complimentary colors.



AFE3F5



E8F9FF



AFF5C1



717C80



000000



808080

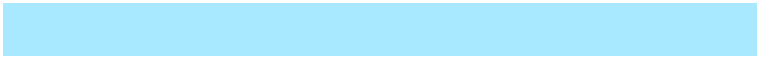


# Same Dimension

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



AFE3F5



A8E9FF



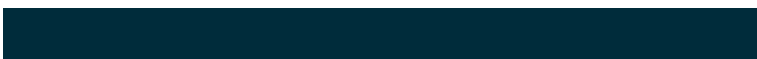
AFC1F5



6E777A



008ABA



002C3B



# Inverse Universe

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



F5AFE3



FFA8E9



F5E4AF



7A6E77



BA008A

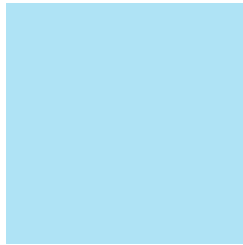


3B002C



# Previews

## White Background



This preview shows how the Hex color AFE3F5 looks on a white background.

## Color Contrast Check

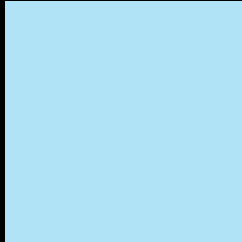
Large Text (above 18pt) WCAG AA × Fail

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 AFE3F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

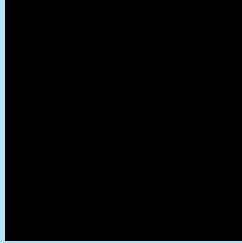
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFE3F5 Background



This preview shows how black text looks on a background with the Hex color AFE3F5.

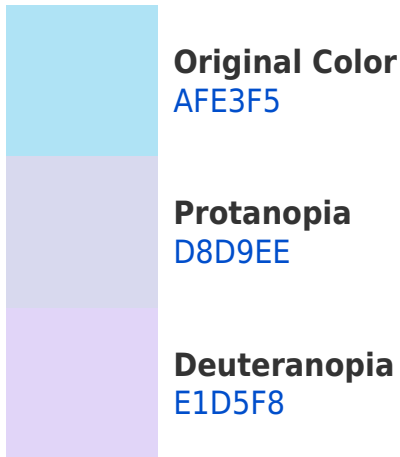


This preview shows how white text looks on a background with the Hex color AFE3F5.

# 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](#).

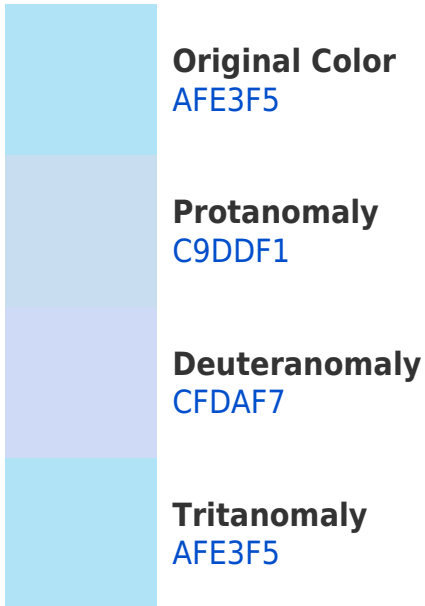
## Dichromacy



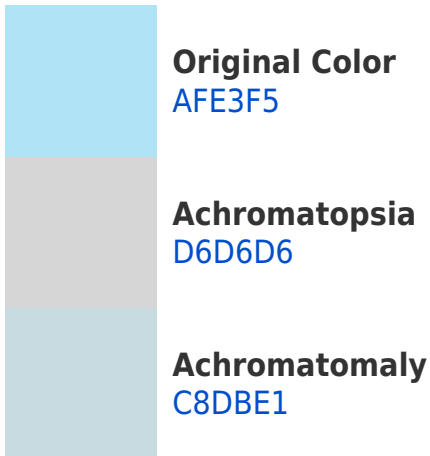


**Tritanopia**  
AFE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFE3F5 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 #AFE3F5 looks like.

```
.text, #text, p{  
    color:#AFE3F5  
}
```

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 #AFE3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE3F5  
}
```

## Border

The CSS property to change the border of an element to Hex AFE3F5 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  
#AFE3F5 }
```

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

```
.border{ border-color:#AFE3F5 }
```

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

Here you see how a box with a 4 pixel #AFE3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE3F5; -webkit-box-shadow:4px 4px  
4px 4px #AFE3F5; box-shadow:4px 4px 4px  
4px #AFE3F5 }
```

# Background

The CSS property to change the background color of an element to Hex AFE3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE3F5 }
```

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

```
.background{ background-color:#AFE3F5 }
```

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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