

# Converting Colors

Hex(AFBDE3)

Have a look what the booklet for  
Hex(AFBDE3) contains.

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# **Color**

**Hex(AFBDE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFBDE3
RGB	175, 189, 227
RGB Percent	69%, 74%, 89%
CMY	0.3137, 0.2588, 0.1098
CMYK	0.23, 0.17, 0.00, 0.11
HSL	224°, 48%, 79%
HSV	224°, 23%, 89%
XYZ	49.7419, 51.0552, 79.9060
YIQ	189.1460, -20.5420, 8.8500

# Conversions

## Conversions Part 2

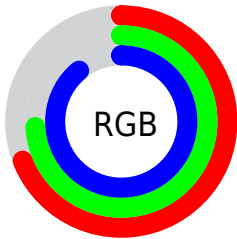
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 186, 227</a>
Decimal	<a href="#">11517411</a>
CIELab	<a href="#">76.71, 3.31, -20.55</a>
CIELCh	<a href="#">77, 20.816, 279.147</a>
Yxy	<a href="#">51.0552, 0.2753, 0.2825</a>
Android (android.graphics.Color)	<a href="#">4289707491 (0xFFAFBDE3)</a>
YUV	<a href="#">189.1460, 18.6620, -12.4060</a>
Hunter-Lab	<a href="#">71.4529, -0.7799, -16.2871</a>

# Details

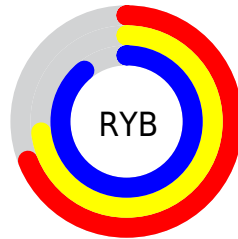
The Hex color **AFBDE3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3D5AF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E7F5FF**, and **7A88AC** is the 20% darker color. If you saturate the color by 10%, you get **98ACE3**, and if you desaturate by 10%, it is **C6CEE3**.

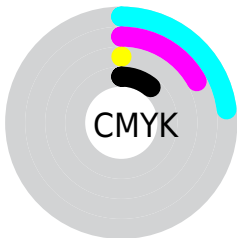
# Distribution



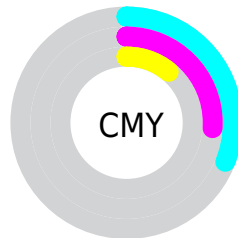
- Red (69%)
- Green (74%)
- Blue (89%)



- Red (69%)
- Yellow (73%)
- Blue (89%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFBDE3 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 AFBDE3 by changing the saturation by 10% instead.



■ AFBDE3

■ AFBDE3

FFFFFF

■ 94A2C7

■ E7F5FF

■ 7A88AC

■ 606F91

■ 475677

■ 2F3F5E

■ 172947

■ 001530

■ 00011B

■ 000000

 AFBDE3

 AFBDE3

 98ACE3

 C6CEE3

 829CE3

 DCDEE3

 6B8BE3

 F3EFE3

 547BE3

 FFFFE3

 3E6AE3

 2759E3

 1049E3

 003DE3

# Harmonies

## Analogous

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



97C3E1



AFBDE3



C8B6DB

# Triad

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



AFBDE3



E3B2A6



9BC7AF

# Complementary

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



AFBDE3



E3D5AF

# 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.



B0C49F



AFBDE3



D8B89A

# Square

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



AFBDE3



E5B0B8



C6BE97



8CC9C3

# Rectangle

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



AFBDE3



D6B3D1



C6BE97



A2C6A9



# Sweetspot

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



AFBDE3



EDF2FF



AFE3D4



757880



000000



808080



# Same Dimension

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



AFBDE3



BACDFF



BAAFE3



676A73



0030B3



000E33



# Inverse Universe

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



E3AFBD



FFBACD



D8E3AF



73676A



B30030

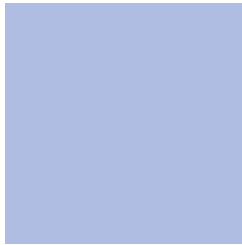


33000E



# Previews

## White Background



This preview shows how the Hex color AFBDE3 looks on a white background.

## Color Contrast Check

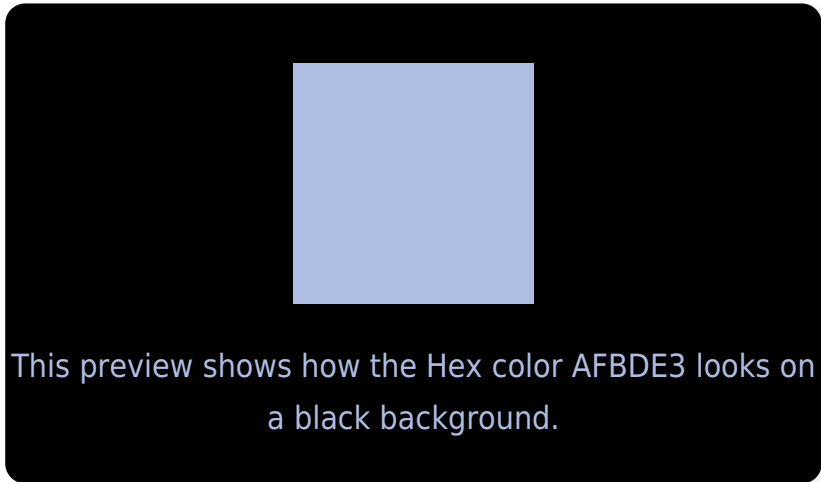
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

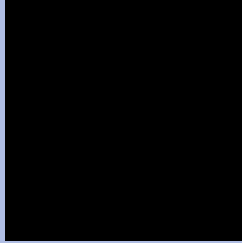
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFBDE3 Background



This preview shows how black text looks on a background with the Hex color AFBDE3.



This preview shows how white text looks on a background with the Hex color AFBDE3.

# 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



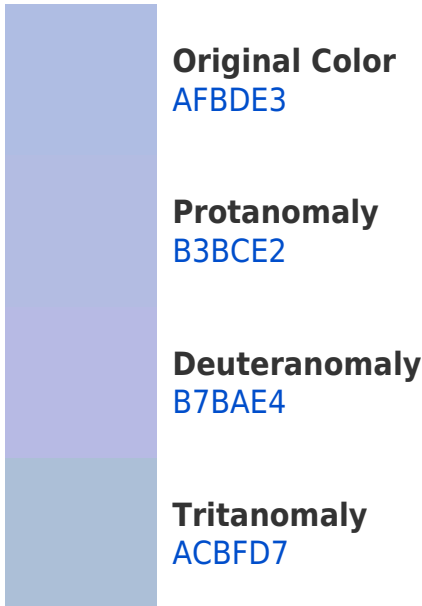
**Original Color**  
AFBDE3

**Protanopia**  
B5BBE2

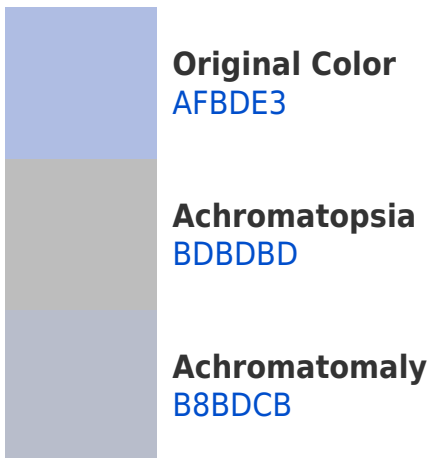
**Deuteranopia**  
BCB9E4



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFBDE3 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 #AFBDE3 looks like.

```
.text, #text, p{  
    color:#AFBDE3  
}
```

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 #AFBDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBDE3
}
```

## Border

The CSS property to change the border of an element to Hex AFBDE3 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
#AFBDE3 }
```

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

```
.border{ border-color:#AFBDE3 }
```

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

Here you see how a box with a 4 pixel #AFBDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBDE3; -webkit-box-shadow:4px 4px  
4px 4px #AFBDE3; box-shadow:4px 4px 4px  
4px #AFBDE3 }
```

# Background

The CSS property to change the background color of an element to Hex AFBDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBDE3 }
```

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

```
.background{ background-color:#AFBDE3 }
```

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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