

# Converting Colors

Hex(AFB8E1)

Have a look what the booklet for  
Hex(AFB8E1) contains.

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# **Color**

**Hex(AFB8E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB8E1
RGB	175, 184, 225
RGB Percent	69%, 72%, 88%
CMY	0.3137, 0.2784, 0.1176
CMYK	0.22, 0.18, 0.00, 0.12
HSL	229°, 45%, 78%
HSV	229°, 22%, 88%
XYZ	48.4103, 48.8312, 78.1080
YIQ	185.9830, -18.5250, 10.8430

# Conversions

## Conversions Part 2

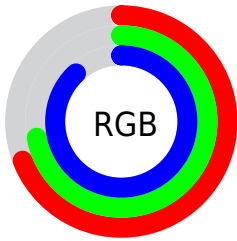
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 183, 225
Decimal	11516129
CIELab	75.35, 5.57, -21.54
CIELCh	75, 22.252, 284.496
Yxy	48.8312, 0.2761, 0.2785
Android (android.graphics.Color)	4289706209 (0xFFAFB8E1)
YUV	185.9830, 19.2354, -9.6321
Hunter-Lab	69.8793, 1.3707, -17.3562

# Details

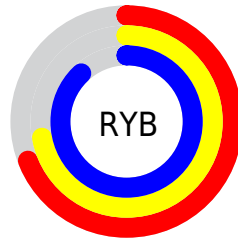
The Hex color **AFB8E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1D8AF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E7F0FF**, and **7A83AA** is the 20% darker color. If you saturate the color by 10%, you get **99A6E1**, and if you desaturate by 10%, it is **C5CAE1**.

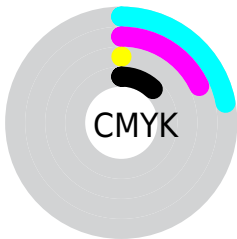
# Distribution



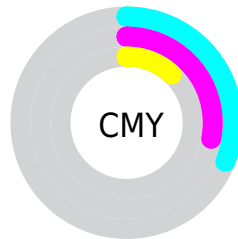
- Red (69%)
- Green (72%)
- Blue (88%)



- Red (69%)
- Yellow (72%)
- Blue (88%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB8E1 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 AFB8E1 by changing the saturation by 10% instead.



■ AFB8E1

■ AFB8E1

FFFFFF

■ 949DC5

■ E7F0FF

■ 7A83AA

■ 606A8F

■ 485275

■ 303B5D

■ 182645

■ 00112E

■ 000119

■ 000000

 AFB8E1

 AFB8E1

 99A6E1

 C5CAE1

 8293E1

 DCDDE1

 6C81E1

 F3EFE1

 556EE1

 FFFFE1

 3F5CE1

 2849E1

 1237E1

 0029E1

# Harmonies

## Analogous

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



94BFE1



AFB8E1



C9B1D7

# Triad

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



AFB8E1



E0AE9E



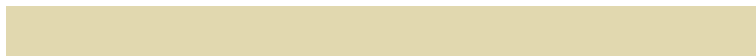
91C5AE

# Complementary

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



AFB8E1



E1D8AF

# 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.



A7C19C



AFB8E1



D3B593

# Square

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



AFB8E1



E4ABB0



BFBB92



83C5C3

# Rectangle

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



AFB8E1



D7ADCC



BFBB92



98C4A7



# Sweetspot

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



AFB8E1



EDF0FF



AFE1D8



757780



000000



808080



# Same Dimension

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



AFB8E1



BAC7FF



BFAFE1



656770



0020B0



000930



# Inverse Universe

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



E1AFB8



FFBAC7



D1E1AF



706567



B00020

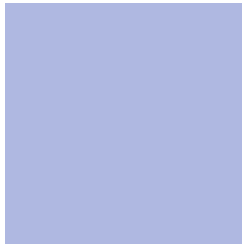


300009



# Previews

## White Background



This preview shows how the Hex color AFB8E1 looks on a white background.

## Color Contrast Check

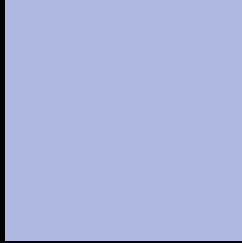
Large Text (above 18pt) WCAG AA × Fail

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 AFB8E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

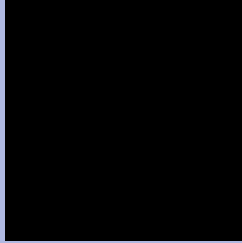
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

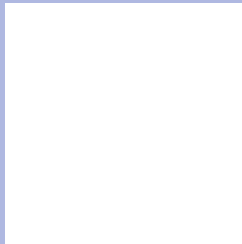
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFB8E1 Background



This preview shows how black text looks on a background with the Hex color AFB8E1.



This preview shows how white text looks on a background with the Hex color AFB8E1.

# 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



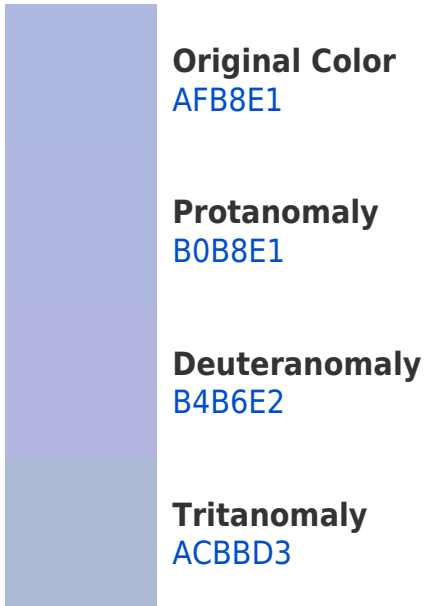
**Original Color**  
AFB8E1

**Protanopia**  
B0B8E1

**Deuteranopia**  
B7B5E2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB8E1 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 #AFB8E1 looks like.

```
.text, #text, p{  
    color:#AFB8E1  
}
```

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 #AFB8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB8E1  
}
```

## Border

The CSS property to change the border of an element to Hex AFB8E1 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  
#AFB8E1 }
```

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

```
.border{ border-color:#AFB8E1 }
```

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

Here you see how a box with a 4 pixel #AFB8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB8E1; -webkit-box-shadow:4px 4px  
4px 4px #AFB8E1; box-shadow:4px 4px 4px  
4px #AFB8E1 }
```

# Background

The CSS property to change the background color of an element to Hex AFB8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB8E1 }
```

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

```
.background{ background-color:#AFB8E1 }
```

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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