

# Converting Colors

Hex(AFB9E1)

Have a look what the booklet for  
Hex(AFB9E1) contains.

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# **Color**

**Hex(AFB9E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB9E1
RGB	175, 185, 225
RGB Percent	69%, 73%, 88%
CMY	0.3137, 0.2745, 0.1176
CMYK	0.22, 0.18, 0.00, 0.12
HSL	228°, 45%, 78%
HSV	228°, 22%, 88%
XYZ	48.6188, 49.2481, 78.1775
YIQ	186.5700, -18.8000, 10.3200

# Conversions

## Conversions Part 2

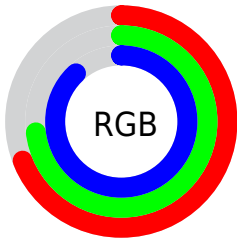
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 183, 225</a>
Decimal	<a href="#">11516385</a>
CIELab	<a href="#">75.61, 5.02, -21.15</a>
CIELCh	<a href="#">76, 21.738, 283.365</a>
Yxy	<a href="#">49.2481, 0.2762, 0.2797</a>
Android (android.graphics.Color)	<a href="#">4289706465 (0xFFAFB9E1)</a>
YUV	<a href="#">186.5700, 18.9460, -10.1469</a>
Hunter-Lab	<a href="#">70.1770, 0.8554, -16.9254</a>

# Details

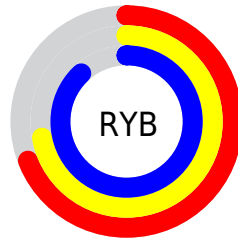
The Hex color **AFB9E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1D7AF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E7F1FF**, and **7A84AA** is the 20% darker color. If you saturate the color by 10%, you get **99A7E1**, and if you desaturate by 10%, it is **C5CBE1**.

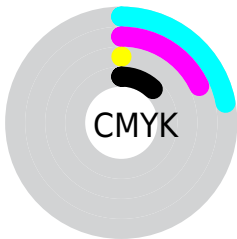
# Distribution



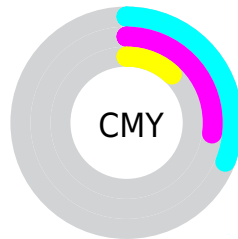
- Red (69%)
- Green (73%)
- Blue (88%)



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



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



- Cyan (31%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB9E1 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 AFB9E1 by changing the saturation by 10% instead.



 AFB9E1

 AFB9E1

FFFFFF

 949EC5

 E7F1FF

 7A84AA

 606B8F

 485375

 303C5D

 182645

 00122E

 00011A

 000000

 AFB9E1

 AFB9E1

 99A7E1

 C5CBE1

 8295E1

 DCDDE1

 6C83E1

 F3EFE1

 5571E1

 FFFFE1

 3F5FE1

 284DE1

 123BE1

 002DE1

# Harmonies

## Analogous

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



95BFE0



AFB9E1



C9B2D8

# Triad

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



AFB9E1



E1AFA0



94C5AE

# Complementary

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



AFB9E1



E1D7AF

# 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.



AAC19D



AFB9E1



D4B594

# Square

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



AFB9E1



E4ACB2



C0BC93



85C6C3

# Rectangle

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



AFB9E1



D6AFCD



C0BC93



9BC4A8



# Sweetspot

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



AFB9E1



EDF1FF



AFE1D7



757780



000000



808080



# Same Dimension

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



AFB9E1



BAC8FF



BEAFE1



656770



0023B0



000A30



# Inverse Universe

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



E1AFB9



FFBAC8



D2E1AF



706567



B00023

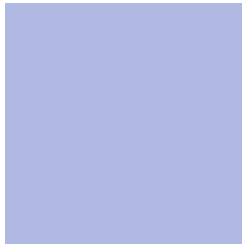


30000A



# Previews

## White Background



This preview shows how the Hex color AFB9E1 looks on a white background.

## Color Contrast Check

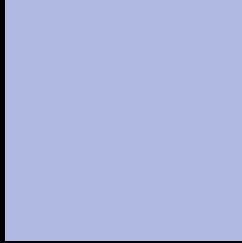
Large Text (above 18pt) WCAG AA × Fail

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 AFB9E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

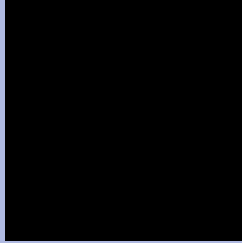
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFB9E1 Background



This preview shows how black text looks on a background with the Hex color AFB9E1.



This preview shows how white text looks on a background with the Hex color AFB9E1.

# 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



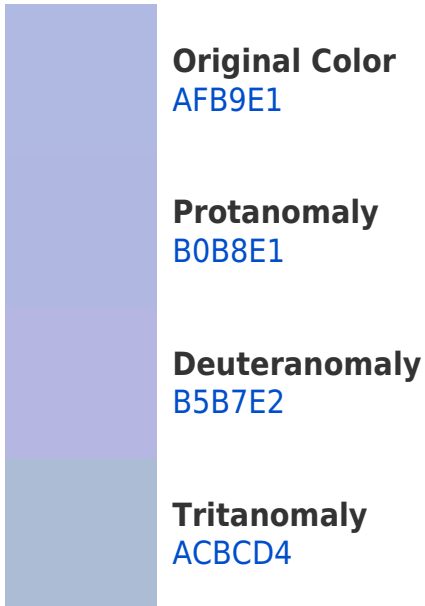
**Original Color**  
AFB9E1

**Protanopia**  
B1B8E1

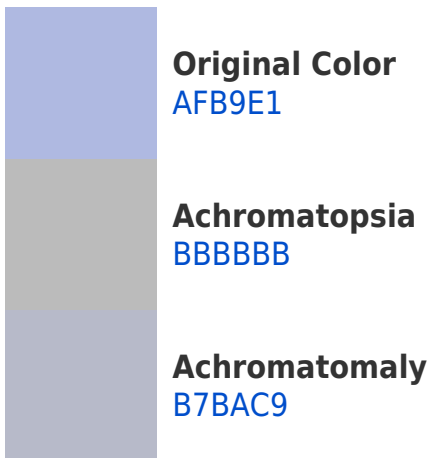
**Deuteranopia**  
B8B6E2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB9E1 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 #AFB9E1 looks like.

```
.text, #text, p{  
    color:#AFB9E1  
}
```

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 #AFB9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB9E1
}
```

## Border

The CSS property to change the border of an element to Hex AFB9E1 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
#AFB9E1 }
```

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

```
.border{ border-color:#AFB9E1 }
```

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

Here you see how a box with a 4 pixel #AFB9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB9E1; -webkit-box-shadow:4px 4px  
4px 4px #AFB9E1; box-shadow:4px 4px 4px  
4px #AFB9E1 }
```

# Background

The CSS property to change the background color of an element to Hex AFB9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB9E1 }
```

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

```
.background{ background-color:#AFB9E1 }
```

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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