

# Converting Colors

Hex(AFBCD4)

Have a look what the booklet for  
Hex(AFBCD4) contains.

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# **Color**

**Hex(AFBCD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFBCD4
RGB	175, 188, 212
RGB Percent	69%, 74%, 83%
CMY	0.3137, 0.2627, 0.1686
CMYK	0.17, 0.11, 0.00, 0.17
HSL	219°, 30%, 76%
HSV	219°, 17%, 83%
XYZ	47.5461, 49.8339, 69.4003
YIQ	186.8490, -15.4520, 4.7080

# Conversions

## Conversions Part 2

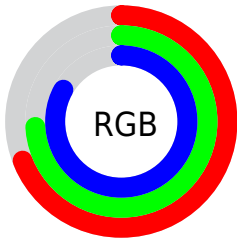
Format	Color
<a href="#">RYB</a>	<a href="#">175, 185, 212</a>
Decimal	<a href="#">11517140</a>
CIELab	<a href="#">75.97, 0.50, -13.56</a>
CIELCh	<a href="#">76, 13.565, 272.125</a>
Yxy	<a href="#">49.8339, 0.2851, 0.2988</a>
Android (android.graphics.Color)	<a href="#">4289707220 (0xFFAFBCD4)</a>
YUV	<a href="#">186.8490, 12.3994, -10.3916</a>
Hunter-Lab	<a href="#">70.5931, -3.3141, -8.8730</a>

# Details

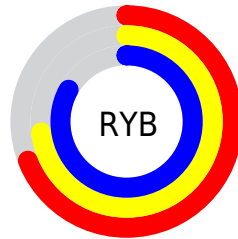
The Hex color **AFBCD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4C7AF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E7F4FF**, and **7A879D** is the 20% darker color. If you saturate the color by 10%, you get **9AAED4**, and if you desaturate by 10%, it is **C4CAD4**.

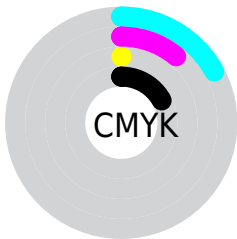
# Distribution



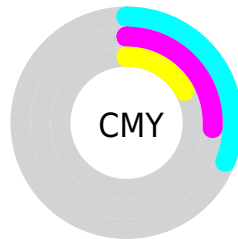
- Red (69%)
- Green (74%)
- Blue (83%)



- Red (69%)
- Yellow (73%)
- Blue (83%)



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



- Cyan (31%)
- Magenta (26%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFBCD4 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 AFBCD4 by changing the saturation by 10% instead.



 AFBCD4

FFFFFF

 E7F4FF

 AFBCD4

 94A1B8

 7A879D

 616E83

 49556A

 313E52

 1B283B

 041425

 00010F

 000000

 AFBCD4

 AFBCD4

 9AAED4

 C4CAD4

 85A0D4

 D9D8D4

 6F93D4

 EFE5D4

 5A85D4

 FFF3D4

 4577D4

 FFFFD4

 3069D4

 1B5CD4

 054ED4

 004AD4

# Harmonies

## Analogous

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



A2C0D1



AFBCD4



BFB8D0

# Triad

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



AFBCD4



D6B4AE



A9C1AF

# Complementary

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



AFBCD4



D4C7AF

# 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.



B7BFA6



AFBCD4



D0B7A6

# Square

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



AFBCD4



D5B3BB



C5BBA2



9EC3BC

# Rectangle

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



AFBCD4



C9B5CB



C5BBA2



ADC1AC



# Sweetspot

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



AFBCD4



F2F7FF



AFD4C6



787B80



000000



808080



# Same Dimension

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



AFBCD4



C9DCFF



B4AFD4



60646B



003CAB



000F2B



# Inverse Universe

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



D4AFBC



FFC9DC



CFD4AF



6B6064



AB003C

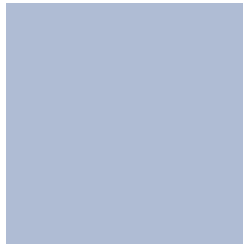


2B000F



# Previews

## White Background



This preview shows how the Hex color AFBCD4 looks on a white background.

## Color Contrast Check

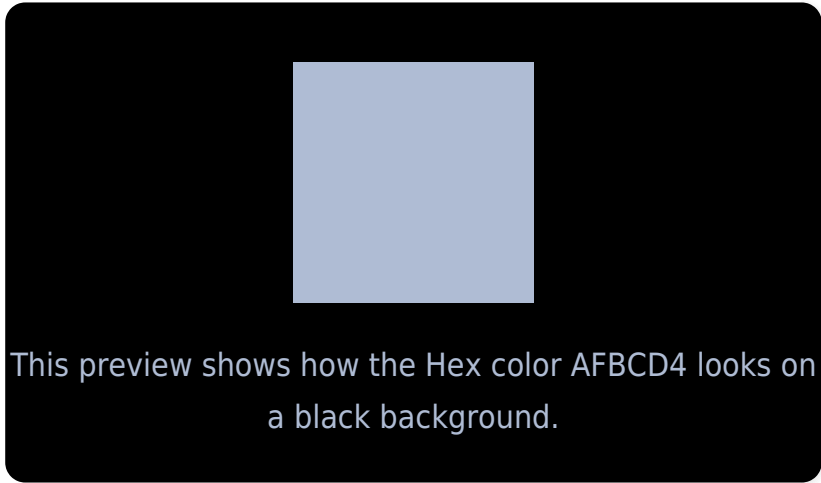
Large Text (above 18pt) WCAG AA × Fail

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

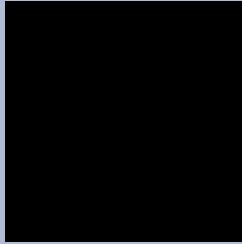
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFBCD4 Background



This preview shows how black text looks on a background with the Hex color AFBCD4.

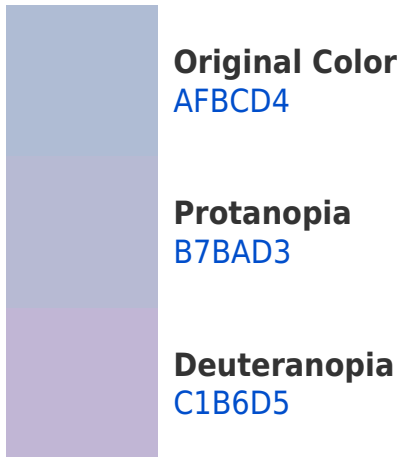


This preview shows how white text looks on a background with the Hex color AFBCD4.

# 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



**Original Color**  
AFBCD4

**Protanomaly**  
B4BBD3

**Deuteranomaly**  
BAB8D5

**Tritanomaly**  
AEBDCF

# Monochromacy



**Original Color**  
AFBCD4

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
B7BBC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFBCD4 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 #AFBCD4 looks like.

```
.text, #text, p{  
    color:#AFBCD4  
}
```

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 #AFBCD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBCD4
}
```

## Border

The CSS property to change the border of an element to Hex AFBCD4 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
#AFBCD4 }
```

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

```
.border{ border-color:#AFBCD4 }
```

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

Here you see how a box with a 4 pixel #AFBCD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBCD4; -webkit-box-shadow:4px 4px  
4px 4px #AFBCD4; box-shadow:4px 4px 4px  
4px #AFBCD4 }
```

# Background

The CSS property to change the background color of an element to Hex AFBCD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBCD4 }
```

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

```
.background{ background-color:#AFBCD4 }
```

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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