

# Converting Colors

Hex(AFBEDA)

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

<b>Hex(AFBEDA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AFBEDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFBEDA
RGB	175, 190, 218
RGB Percent	69%, 75%, 85%
CMY	0.3137, 0.2549, 0.1451
CMYK	0.20, 0.13, 0.00, 0.15
HSL	219°, 37%, 77%
HSV	219°, 20%, 85%
XYZ	48.7475, 51.0028, 73.6049
YIQ	188.7070, -17.9280, 5.5280

# Conversions

## Conversions Part 2

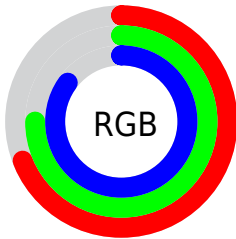
Format	Color
<a href="#">RYB</a>	<a href="#">175, 186, 218</a>
Decimal	<a href="#">11517658</a>
CIELab	<a href="#">76.68, 0.74, -15.73</a>
CIELCh	<a href="#">77, 15.751, 272.703</a>
Yxy	<a href="#">51.0028, 0.2812, 0.2942</a>
Android (android.graphics.Color)	<a href="#">4289707738 (0xFFAFBEDA)</a>
YUV	<a href="#">188.7070, 14.4414, -12.0210</a>
Hunter-Lab	<a href="#">71.4163, -3.1374, -11.1156</a>

# Details

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

A 20% lighter version of the original color is **E7F6FF**, and **7A89A3** is the 20% darker color. If you saturate the color by 10%, you get **99B0DA**, and if you desaturate by 10%, it is **C5CCDA**.

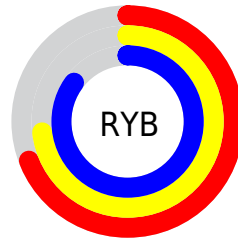
# Distribution



Red (69%)

Green (75%)

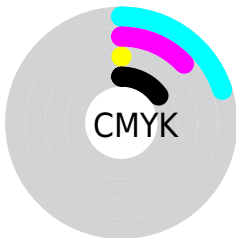
Blue (85%)



Red (69%)

Yellow (73%)

Blue (85%)

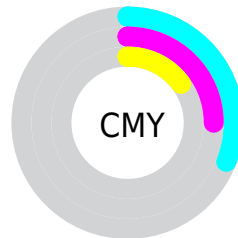


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (25%)

Yellow (15%)

# Brightness & Saturation Gradients

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



■ AFBEDA

■ AFBEDA

FFFFFF

■ 94A3BE

■ E7F6FF

■ 7A89A3

■ 616F89

■ 48576F

■ 314057

■ 1A2A40

■ 031629

■ 000115

■ 000000

 AFBEDA

 AFBEDA

 99B0DA

 C5CCDA

 83A2DA

 DBDADA

 6E93DA

 F0E9DA

 5885DA

 FFF7DA

 4277DA

 FFFFDA

 2C69DA

 165BDA

 014CDA

 004CDA

# Harmonies

## Analogous

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



9FC2D7



AFBEDA



C2B9D6

# Triad

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



AFBEDA



DCB4AE



A7C4AF

# Complementary

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



AFBEDA



DACBAF

# 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.



B7C1A5



AFBEDA



D5B8A4

# Square

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



AFBEDA



DBB3BC



C8BDA0



9BC6BE

# Rectangle

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



AFBEDA



CDB6CF



C8BDA0



ACC4AB

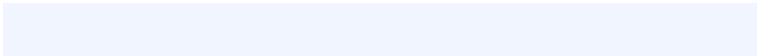


# Sweetspot

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



AFBEDA



F0F5FF



AFDACB



777A80



000000



808080



# Same Dimension

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



AFBEDA



C2D7FF



B5AFDA



63676E



003CAD



00102E



# Inverse Universe

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



DAAFBE



FFC2D7



D4DAAF



6E6367



AD003C

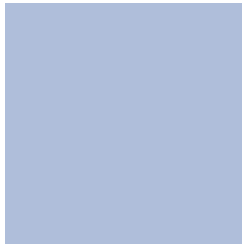


2E0010



# Previews

## White Background



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

## Color Contrast Check

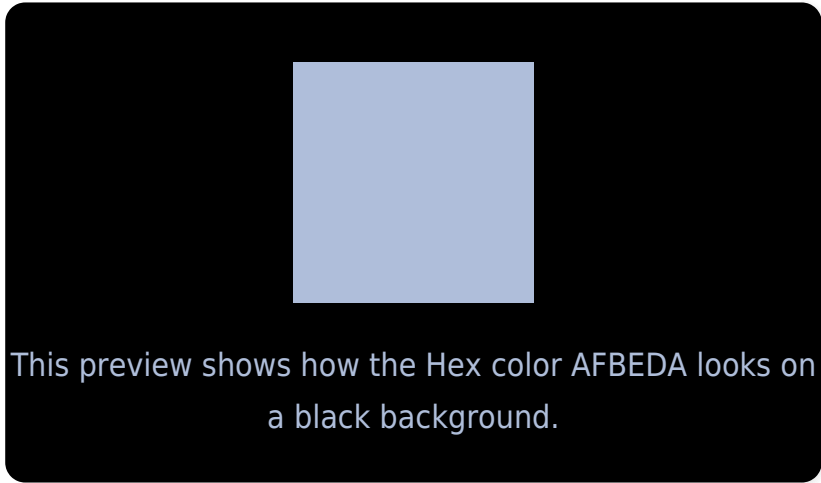
Large Text (above 18pt) WCAG AA × Fail

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

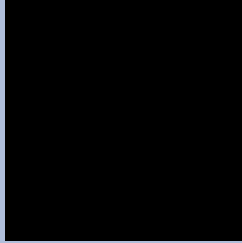
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFBEDA Background



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

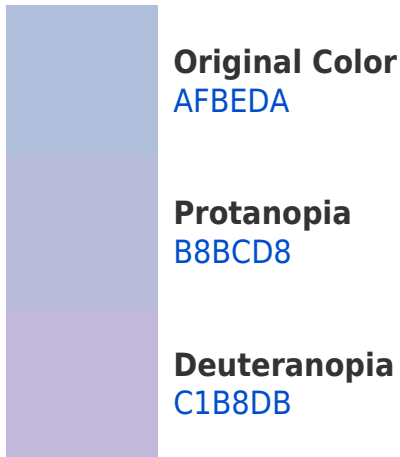


This preview shows how white text looks on a background with the Hex color AFBEDA.

# Color Blindness Simulation

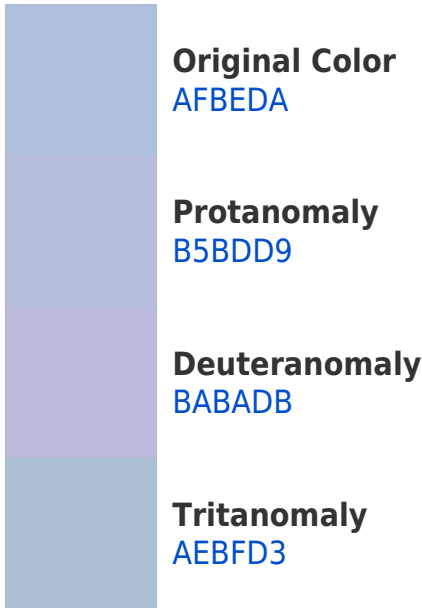
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

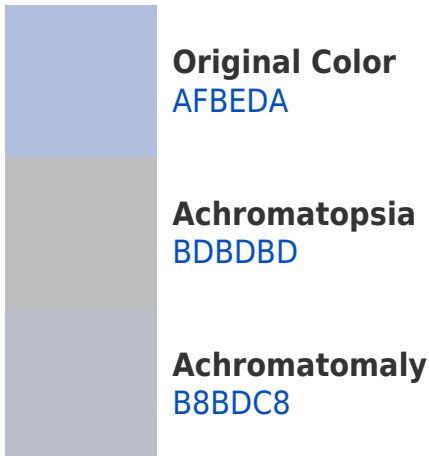




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AFBEDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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