

# Converting Colors

Hex(AFAFBF)

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

<b>Hex(AFAFBF)</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(AFAFBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFAFBF
RGB	175, 175, 191
RGB Percent	69%, 69%, 75%
CMY	0.3137, 0.3137, 0.2510
CMYK	0.08, 0.08, 0.00, 0.25
HSL	240°, 11%, 72%
HSV	240°, 8%, 75%
XYZ	42.4131, 43.5355, 55.4580
YIQ	176.8240, -5.1360, 4.9760

# Conversions

## Conversions Part 2

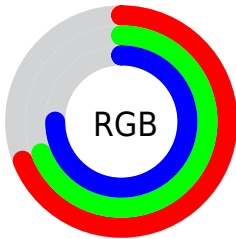
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 175, 191
Decimal	11513791
CIELab	71.92, 3.13, -8.14
CIELCh	72, 8.722, 291.033
Yxy	43.5355, 0.2999, 0.3079
Android (android.graphics.Color)	4289703871 (0xFFAFAFBF)
YUV	176.8240, 6.9888, -1.5996
Hunter-Lab	65.9814, -0.7270, -3.6468

# Details

The Hex color **AFAFBF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BFBFAF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E7E6F7**, and **7B7B8A** is the 20% darker color. If you saturate the color by 10%, you get **9C9CBF**, and if you desaturate by 10%, it is **C2C2BF**.

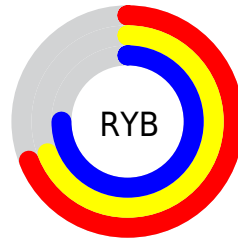
# Distribution



Red (69%)

Green (69%)

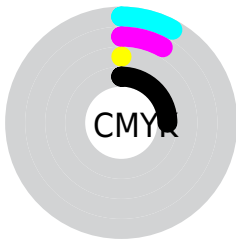
Blue (75%)



Red (69%)

Yellow (69%)

Blue (75%)

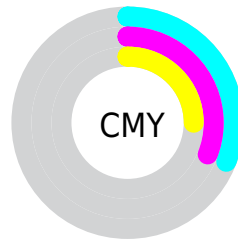


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (31%)

Yellow (25%)

# Brightness & Saturation Gradients

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



■ AFAFBF

■ AFAFBF

FFFFFF

■ 9494A4

■ E7E6F7

■ 7B7B8A

■ 626270

■ 4A4A58

■ 333340

■ 1E1E2A

■ 060516

■ 000000

■ AFAFBF

■ AFAFBF

9C9CBF

C2C2BF

8989BF

D5D5BF

7676BF

E8E8BF

6363BF

FBFBFB

5050BF

FFFFBF

3C3CBF

2929BF

1616BF

0303BF

# Harmonies

## Analogous

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



A5B2C0



AFAFBF



B8ADBA

# Triad

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



AFAFBF



C0ACA4



A0B5AD

# Complementary

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



AFAFBF



BFBFAF

# 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.



A8B4A6



AFAFBF



B9AFA1

# Square

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



AFAFBF



C2ABAB



B1B1A1



9DB5B6

# Rectangle

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



AFAFBF



BDABB6



B1B1A1



A2B5AB



# Sweetspot

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



AFAFBF



F0F0F7



AFBFBF



78787D



FCFCFC



7D7D7D



# Same Dimension

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



AFAFBF



DFDFF7



B7AFBF



55555E



00009E



00001F



# Inverse Universe

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



BFAFBF



F7DFF7



B7BFAF



5E555E



9E009E

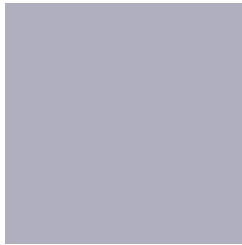


1F001F



# Previews

## White Background



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

## Color Contrast Check

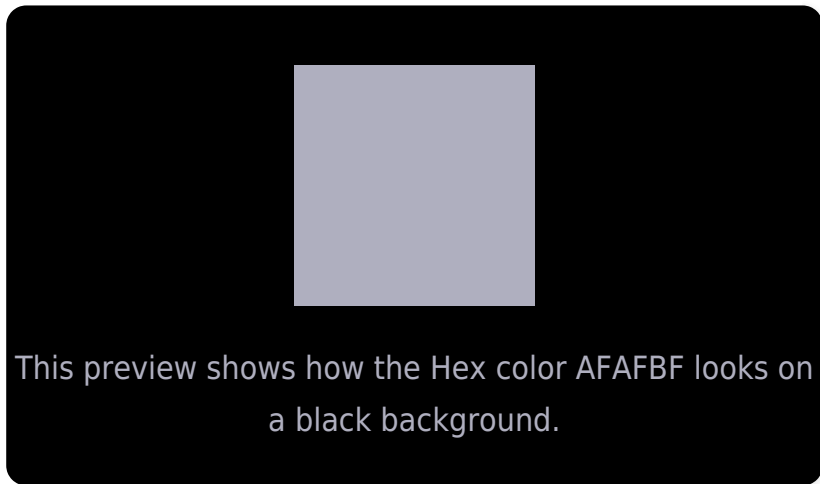
Large Text (above 18pt) WCAG AA × Fail

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

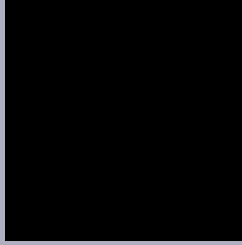
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

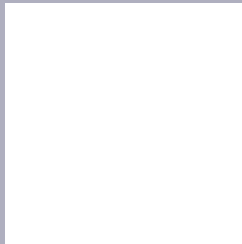
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFAPBF Background



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

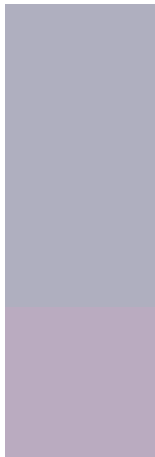


This preview shows how white text looks on a background with the Hex color AFAPBF.

# 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**  
AFAFBF

**Protanopia**  
AFAFBF

**Deuteranopia**  
BAABCO



# Trichromacy



**Original Color**  
AFAFBF

**Protanomaly**  
AFAFBF

**Deuteranomaly**  
B6ACC0

**Tritanomaly**  
AFAFBE

# Monochromacy



**Original Color**  
AFAFBF

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
B0B0B6

# CSS Examples

## Text

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

```
.text, #text, p{  
    color:#AF AF BF  
}
```

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 #AFAFBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

```
.background, #background, body{  
background:#AF AF BF }
```

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

```
.background{ background-color:#AF AF BF }
```

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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