

# Converting Colors

Hex(B5B1AF)

Have a look what the booklet for  
Hex(B5B1AF) contains.

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# **Color**

**Hex(B5B1AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B1AF
RGB	181, 177, 175
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3059, 0.3137
CMYK	0.00, 0.02, 0.03, 0.29
HSL	20°, 4%, 70%
HSV	20°, 3%, 71%
XYZ	42.5161, 44.3632, 46.8796
YIQ	177.9680, 3.0260, 0.2260

# Conversions

## Conversions Part 2

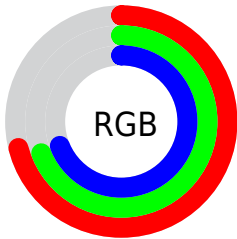
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 178, 175</a>
Decimal	<a href="#">11907503</a>
CIELab	<a href="#">72.47, 1.05, 1.51</a>
CIELCh	<a href="#">72, 1.844, 55.193</a>
Yxy	<a href="#">44.3632, 0.3179, 0.3317</a>
Android (android.graphics.Color)	<a href="#">4290097583 (0xFFB5B1AF)</a>
YUV	<a href="#">177.9680, -1.4632, 2.6591</a>
Hunter-Lab	<a href="#">66.6057, -2.6190, 4.8935</a>

# Details

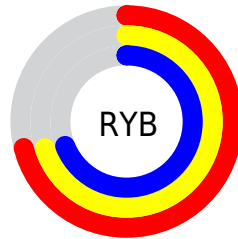
The Hex color **B5B1AF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AFB3B5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDE9E6**, and **807C7B** is the 20% darker color. If you saturate the color by 10%, you get **B5A59D**, and if you desaturate by 10%, it is **B5BDC1**.

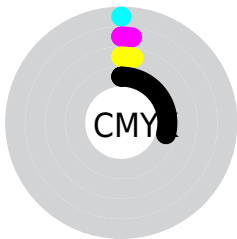
# Distribution



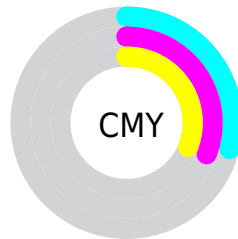
- Red (71%)
- Green (69%)
- Blue (69%)



- Red (71%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B1AF 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 B5B1AF by changing the saturation by 10% instead.



■ B5B1AF

■ B5B1AF

FFFFFF

■ 9A9694

■ EDE9E6

■ 807C7B

■ 676462

■ 4F4C4A

■ 383533

■ 23201E

■ 0D0805

■ 000000

■ B5B1AF

■ B5B1AF

 B5A59D

 B5BDC1

 B5998B

 B5C9D3

 B58D79

 B5D5E5

 B58167

 B5E1F7

 B57555

 B5EDFF

 B56942

 B5F9FF

 B55D30

 B5FFFF

 B5501E

 B5440C

# Harmonies

## Analogous

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



B6B1B0



B5B1AF



B4B2AE

# Triad

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



B5B1AF



AEB3B1



B2B1B5

# Complementary

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



B5B1AF



AFB3B5

# 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.



B0B2B5



B5B1AF



AEB3B3

# Square

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



B5B1AF



B0B3B0



AEB2B4



B4B1B4

# Rectangle

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



**B5B1AF**



**B2B2AE**



**AEB2B4**



**B1B2B5**

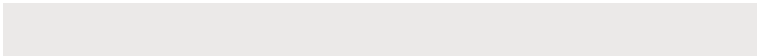


# Sweetspot

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



B5B1AF



EBE9E8



B5AFB3



757574



F5F5F5



757575



# Same Dimension

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



B5B1AF



EBE4E1



B5B4AF



595655



993300



1A0800

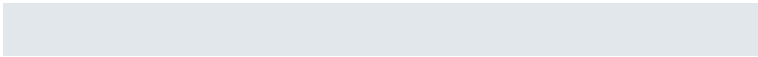


# Inverse Universe

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



AFB3B5



E1E7EB



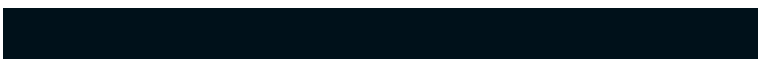
AFB0B5



555859



006699

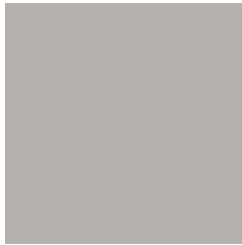


00111A



# Previews

## White Background



This preview shows how the Hex color B5B1AF looks on a white background.

## Color Contrast Check

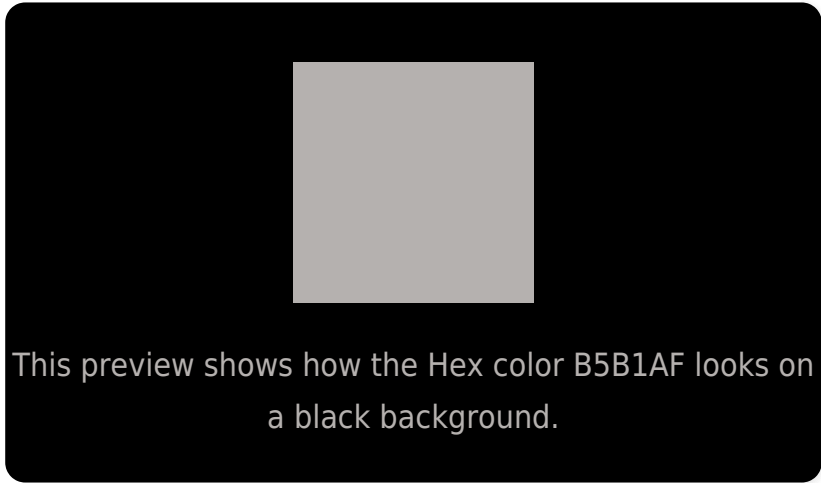
Large Text (above 18pt) WCAG AA × Fail

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

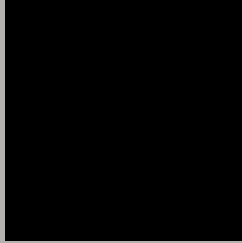
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

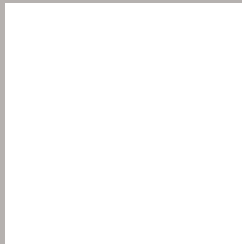
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5B1AF Background



This preview shows how black text looks on a background with the Hex color B5B1AF.

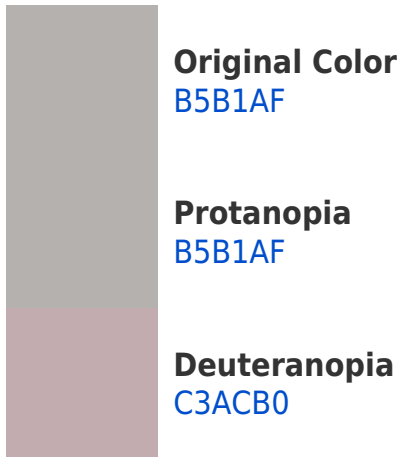


This preview shows how white text looks on a background with the Hex color B5B1AF.

# 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





**Tritanopia**  
B7AFBD

# Trichromacy



**Original Color**

B5B1AF

**Protanomaly**

B5B1AF

**Deuteranomaly**

BEAEB0

**Tritanomaly**

B6B0B8

# Monochromacy



**Original Color**

B5B1AF

**Achromatopsia**

B2B2B2

**Achromatomaly**

B3B2B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B1AF 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 #B5B1AF looks like.

```
.text, #text, p{  
    color:#B5B1AF  
}
```

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 #B5B1AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B1AF
}
```

## Border

The CSS property to change the border of an element to Hex B5B1AF 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
#B5B1AF }
```

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

```
.border{ border-color:#B5B1AF }
```

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

Here you see how a box with a 4 pixel #B5B1AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B1AF; -webkit-box-shadow:4px 4px  
4px 4px #B5B1AF; box-shadow:4px 4px 4px  
4px #B5B1AF }
```

# Background

The CSS property to change the background color of an element to Hex B5B1AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B1AF }
```

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

```
.background{ background-color:#B5B1AF }
```

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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