

Converting Colors

Hex(B3B0AA)

Have a look what the booklet for
Hex(B3B0AA) contains.

Hex(B3B0AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3B0AA)

Conversions

Conversions Part 1

Format	Color
Hex	B3B0AA
RGB	179, 176, 170
RGB Percent	70%, 69%, 67%
CMY	0.2980, 0.3098, 0.3333
CMYK	0.00, 0.02, 0.05, 0.30
HSL	40°, 6%, 68%
HSV	40°, 5%, 70%
XYZ	41.3714, 43.5367, 44.2531
YIQ	176.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

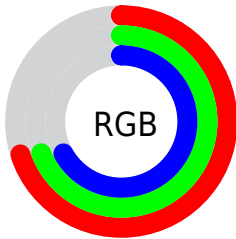
Format	Color
RYB	175, 179, 170
Decimal	11776170
CIELab	71.92, -0.03, 3.44
CIELCh	72, 3.436, 90.450
Yxy	43.5367, 0.3203, 0.3371
Android (android.graphics.Color)	4289966250 (0xFFB3B0AA)
YUV	176.2130, -3.0630, 2.4442
Hunter-Lab	65.9823, -3.5481, 6.4229

Details

The Hex color **B3B0AA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AAADB3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EBE8E1**, and **7E7C76** is the 20% darker color. If you saturate the color by 10%, you get **B3AA98**, and if you desaturate by 10%, it is **B3B6BC**.

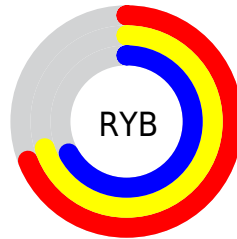
Distribution



Red (70%)

Green (69%)

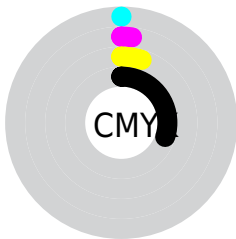
Blue (67%)



Red (69%)

Yellow (70%)

Blue (67%)

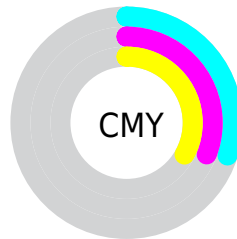


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3B0AA 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 B3B0AA by changing the saturation by 10% instead.

 B3B0AA

 B3B0AA

FFFFFF

 989590

 EBE8E1

 7E7C76

FFFFFFE

 65635D

 4D4B46

 37342F

 211F1B

 0B0700

 000000

 B3B0AA

 B3B0AA

 B3AA98

 B3B6BC

 B3A486

 B3BCCE

 B39E74

 B3C2E0

 B39862

 B3C8F2

 B39251

 B3CEFF

 B38C3F

 B3D4FF

 B3862D

 B3DAFF

 B3801B

 B3E0FF

 B37A09

 B3E6FF

Harmonies

Analogous

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



B6AFAB



B3B0AA



AFB1AB

Triad

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



B3B0AA



A9B2B3



B5AFB3

Complementary

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



B3B0AA



AAADB3

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.



B1AFB6



B3B0AA



AAB1B6

Square

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



B3B0AA



A9B2B0



ADB0B6



B7AEB0

Rectangle

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



B3B0AA



ADB2AC



ADB0B6



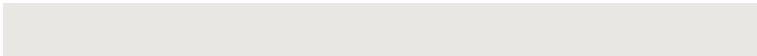
B3AFB4

Sweetspot

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



B3B0AA



E8E7E3



B3AAAD



757573



F5F5F5



757575

Same Dimension

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



B3B0AA



E8E3DA



B2B3AA



595753



996600



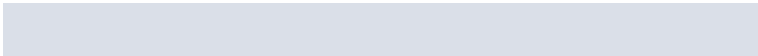
1A1100

Inverse Universe

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



AAADB3



DADFE8



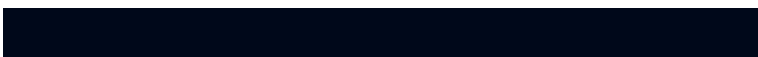
ABAAB3



535559



003399



00081A

Previews

White Background



This preview shows how the Hex color B3B0AA looks on a white background.

Color Contrast Check

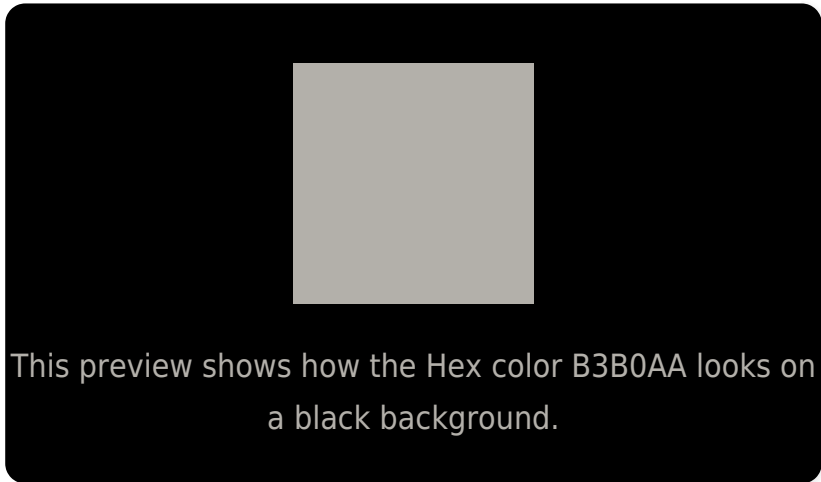
Large Text (above 18pt) WCAG AA × Fail

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

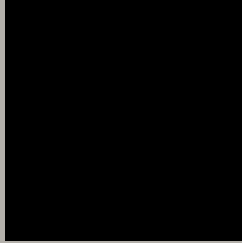
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

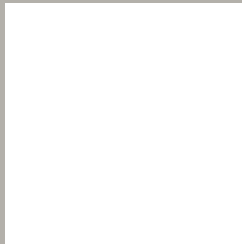
Any Text WCAG AAA ✓ Pass

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

Hex B3B0AA Background



This preview shows how black text looks on a background with the Hex color B3B0AA.

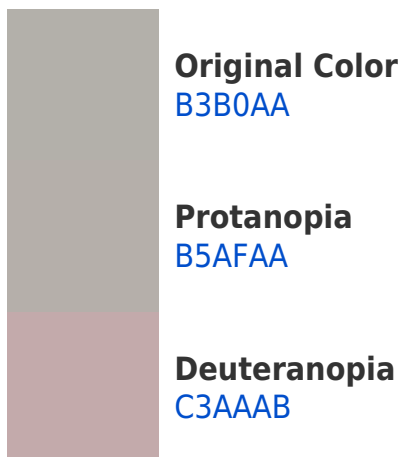



This preview shows how white text looks on a background with the Hex color B3B0AA.

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](#).

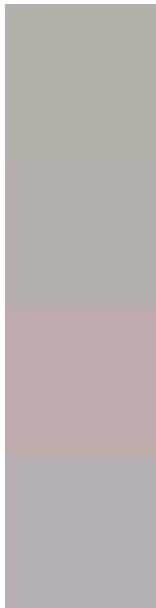
Dichromacy





Tritanopia
B6ADBB

Trichromacy



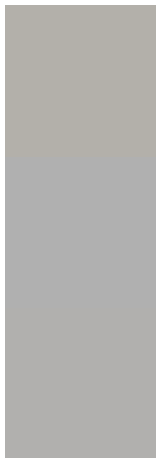
Original Color
B3B0AA

Protanomaly
B4AFAA

Deuteranomaly
BDACAB

Tritanomaly
B5AEB5

Monochromacy



Original Color
B3B0AA

Achromatopsia
B0B0B0

Achromatomaly
B1B0AE

CSS Examples

Text

The CSS property to change the color of the text to Hex B3B0AA 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 #B3B0AA looks like.

```
.text, #text, p{  
    color:#B3B0AA  
}
```

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 #B3B0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B0AA
}
```

Border

The CSS property to change the border of an element to Hex B3B0AA 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
#B3B0AA }
```

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

```
.border{ border-color:#B3B0AA }
```

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

Here you see how a box with a 4 pixel #B3B0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B0AA; -webkit-box-shadow:4px 4px  
4px 4px #B3B0AA; box-shadow:4px 4px 4px  
4px #B3B0AA }
```

Background

The CSS property to change the background color of an element to Hex B3B0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B0AA }
```

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

```
.background{ background-color:#B3B0AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor