

Converting Colors

Hex(B0AA9F)

Have a look what the booklet for
Hex(B0AA9F) contains.

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Color

Hex(B0AA9F)

Conversions

Conversions Part 1

Format	Color
Hex	B0AA9F
RGB	176, 170, 159
RGB Percent	69%, 67%, 62%
CMY	0.3098, 0.3333, 0.3765
CMYK	0.00, 0.03, 0.10, 0.31
HSL	39°, 10%, 66%
HSV	39°, 10%, 69%
XYZ	38.5372, 40.4828, 38.5837
YIQ	170.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

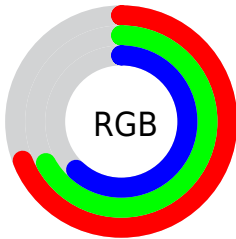
Format	Color
RYB	168, 176, 159
Decimal	11578015
CIELab	69.81, 0.19, 6.42
CIELCh	70, 6.426, 88.298
Yxy	40.4828, 0.3277, 0.3442
Android (android.graphics.Color)	4289768095 (0xFFB0AA9F)
YUV	170.5400, -5.6892, 4.7884
Hunter-Lab	63.6261, -3.2312, 8.5840

Details

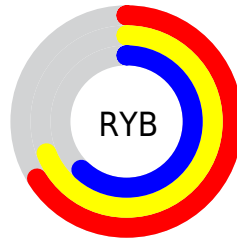
The Hex color **B0AA9F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FA5B0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E8E1D6**, and **7B766C** is the 20% darker color. If you saturate the color by 10%, you get **B0A48D**, and if you desaturate by 10%, it is **B0B0B1**.

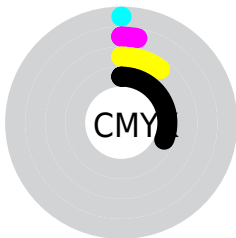
Distribution



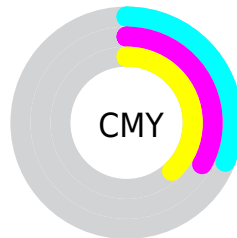
- Red (69%)
- Green (67%)
- Blue (62%)



- Red (66%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AA9F 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 B0AA9F by changing the saturation by 10% instead.



B0AA9F



B0AA9F

FFFFFF



959085



E8E1D6



7B766C



FFFEF2



635D53



4B463C



342F27



1F1B12



000000



B0AA9F



B0AA9F



B0A48D



B0B0B1

 B09E7C

 B0B6C2

 B0976A

 B0BDD4

 B09159

 B0C3E5

 B08B47

 B0C9F7

 B08535

 B0CFFF

 B07F24

 B0D5FF

 B07812

 B0DCFF

 B07201

 B0E2FF

Harmonies

Analogous

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



B5A8A1



B0AA9F



A9ACA0

Triad

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



B0AA9F



9CAEB0



B2A8B1

Complementary

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



B0AA9F



9FA5B0

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.



ABA9B5



B0AA9F



9FADB4

Square

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



B0AA9F



9EAEAA



A4ABB6



B6A7AB

Rectangle

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



B0AA9F



A5ADA3



A4ABB6



B0A8B2

Sweetspot

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



B0AA9F



E6E3DF



B09FA5



73716E



F2F2F2



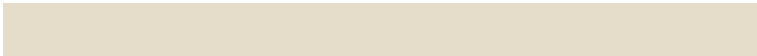
737373

Same Dimension

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



B0AA9F



E6DCCA



AEB09F



595650



996300



1A1000

Inverse Universe

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



9FA5B0



CAD4E6



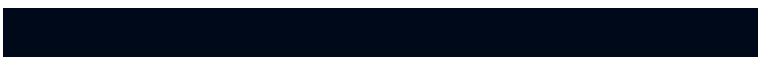
A19FB0



505359



003699



00091A

Previews

White Background



This preview shows how the Hex color B0AA9F looks on a white background.

Color Contrast Check

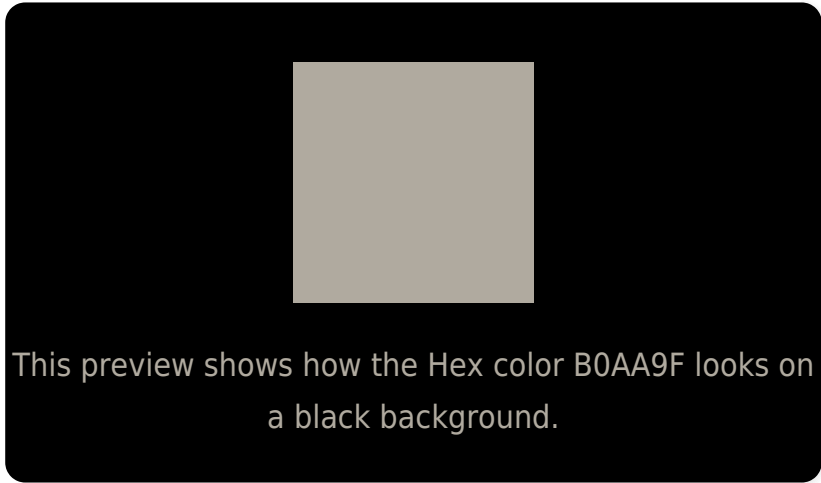
Large Text (above 18pt) WCAG AA × Fail

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

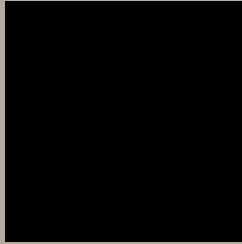
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

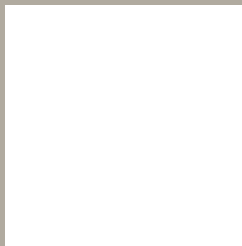
Any Text WCAG AAA ✓ Pass

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

Hex B0AA9F Background



This preview shows how black text looks on a background with the Hex color B0AA9F.

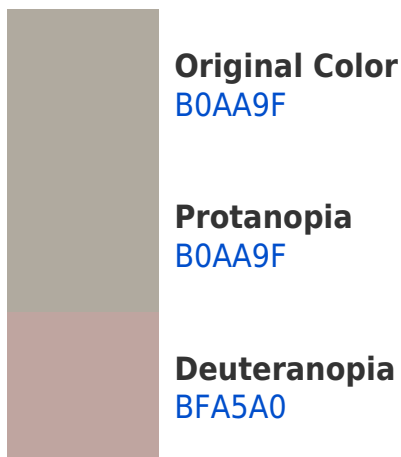


This preview shows how white text looks on a background with the Hex color B0AA9F.

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
B3A7B4

Trichromacy



Original Color
B0AA9F

Protanomaly
B0AA9F

Deuteranomaly
BAA7A0

Tritanomaly
B2A8AC

Monochromacy



Original Color
B0AA9F

Achromatopsia
ABABAB

Achromatomaly
ADABA7

CSS Examples

Text

The CSS property to change the color of the text to Hex B0AA9F 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 #B0AA9F looks like.

```
.text, #text, p{  
    color:#B0AA9F  
}
```

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 #B0AA9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AA9F
}
```

Border

The CSS property to change the border of an element to Hex B0AA9F 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
#B0AA9F }
```

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

```
.border{ border-color:#B0AA9F }
```

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

Here you see how a box with a 4 pixel #B0AA9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AA9F; -webkit-box-shadow:4px 4px  
4px 4px #B0AA9F; box-shadow:4px 4px 4px  
4px #B0AA9F }
```

Background

The CSS property to change the background color of an element to Hex B0AA9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AA9F }
```

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

```
.background{ background-color:#B0AA9F }
```

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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