

# Converting Colors

Hex(B0A5A9)

Have a look what the booklet for  
Hex(B0A5A9) contains.

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# **Color**

**Hex(B0A5A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A5A9
RGB	176, 165, 169
RGB Percent	69%, 65%, 66%
CMY	0.3098, 0.3529, 0.3373
CMYK	0.00, 0.06, 0.04, 0.31
HSL	338°, 7%, 67%
HSV	338°, 6%, 69%
XYZ	38.5211, 39.0049, 43.0345
YIQ	168.7450, 5.2720, 3.5760

# Conversions

## Conversions Part 2

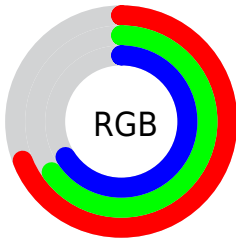
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 165, 169
Decimal	11576745
CIELab	68.75, 4.70, -0.64
CIELCh	69, 4.740, 352.180
Yxy	39.0049, 0.3195, 0.3235
Android (android.graphics.Color)	4289766825 (0xFFB0A5A9)
YUV	168.7450, 0.1257, 6.3626
Hunter-Lab	62.4539, 0.8029, 2.8634

# Details

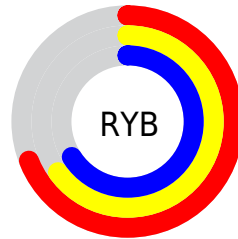
The Hex color **B0A5A9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5B0AC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E8DCE0**, and **7C7175** is the 20% darker color. If you saturate the color by 10%, you get **B0939E**, and if you desaturate by 10%, it is **B0B7B4**.

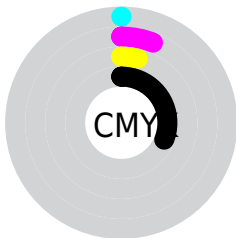
# Distribution



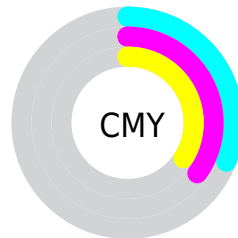
- Red (69%)
- Green (65%)
- Blue (66%)



- Red (69%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A5A9 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 B0A5A9 by changing the saturation by 10% instead.



 B0A5A9

 B0A5A9

FFFFFF

 958B8F

 E8DCE0

 7C7175

 FFF9FD

 63595C

 4B4145

 342B2F

 1F171A

 000000

 B0A5A9

 B0A5A9

 B0939E

 B0B7B4

 B08293

 B0C8BF

 B07087

 B0DACB

 B05F7C

 B0EBD6

 B04D71

 B0FDE1

 B03B66

 B0FFEC

 B02A5B

 B0FFF7

 B0184F

 B0FFFF

 B00744

# Harmonies

## Analogous

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



ACA6AD



B0A5A9



B1A5A5

# Triad

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



B0A5A9



A8A8A0



9FAAAE

# Complementary

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



B0A5A9



A5B0AC

# 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.



9DAAAB



B0A5A9



A3AAA2

# Square

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



B0A5A9



ADA79F



9FAAA6



A2A8B0

# Rectangle

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



B0A5A9



B1A5A2



9FAAA6



9EAAAD



# Sweetspot

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



B0A5A9



E6E1E3



ACA5B0



737071



F2F2F2



737373



# Same Dimension

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



B0A5A9



E6D5DB



B0A6A5



595255



990038



1A0009



# Inverse Universe

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



B0A5A9



E6D5DB



A5AFB0



595255



990038

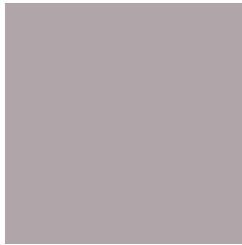


1A0009



# Previews

## White Background



This preview shows how the Hex color B0A5A9 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



This preview shows how the Hex color B0A5A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

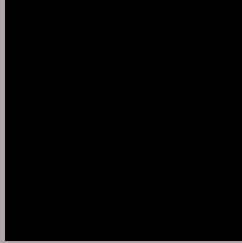
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

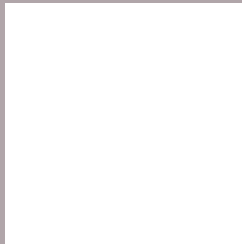
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0A5A9 Background



This preview shows how black text looks on a background with the Hex color B0A5A9.



This preview shows how white text looks on a background with the Hex color B0A5A9.

# 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**  
B0A5A9

**Protanopia**  
AAA7AA

**Deuteranopia**  
B7A2A9



**Tritanopia**  
B1A4B1

# Trichromacy



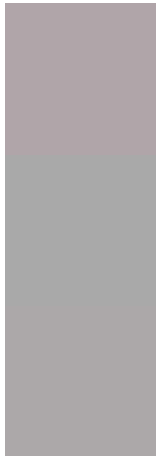
**Original Color**  
B0A5A9

**Protanomaly**  
ACA6AA

**Deuteranomaly**  
B4A3A9

**Tritanomaly**  
B1A4AE

# Monochromacy



**Original Color**  
B0A5A9

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
ACA8A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A5A9 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 #B0A5A9 looks like.

```
.text, #text, p{  
    color:#B0A5A9  
}
```

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 #B0A5A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A5A9
}
```

## Border

The CSS property to change the border of an element to Hex B0A5A9 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
#B0A5A9 }
```

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

```
.border{ border-color:#B0A5A9 }
```

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

Here you see how a box with a 4 pixel #B0A5A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A5A9; -webkit-box-shadow:4px 4px  
4px 4px #B0A5A9; box-shadow:4px 4px 4px  
4px #B0A5A9 }
```

# Background

The CSS property to change the background color of an element to Hex B0A5A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A5A9 }
```

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

```
.background{ background-color:#B0A5A9 }
```

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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