

# Converting Colors

Hex(B0A5B8)

Have a look what the booklet for  
Hex(B0A5B8) contains.

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# **Color**

**Hex(B0A5B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A5B8
RGB	176, 165, 184
RGB Percent	69%, 65%, 72%
CMY	0.3098, 0.3529, 0.2784
CMYK	0.04, 0.10, 0.00, 0.28
HSL	275°, 12%, 68%
HSV	275°, 10%, 72%
XYZ	40.0114, 39.6011, 50.8823
YIQ	170.4550, 0.4570, 8.2410

# Conversions

## Conversions Part 2

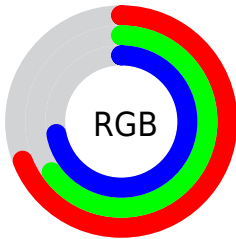
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 165, 184
Decimal	11576760
CIELab	69.18, 7.56, -8.33
CIELCh	69, 11.248, 312.199
Yxy	39.6011, 0.3066, 0.3035
Android (android.graphics.Color)	4289766840 (0xFFB0A5B8)
YUV	170.4550, 6.6777, 4.8630
Hunter-Lab	62.9294, 3.3663, -3.8891

# Details

The Hex color **B0A5B8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ADB8A5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E8DCF0**, and **7B7183** is the 20% darker color. If you saturate the color by 10%, you get **A893B8**, and if you desaturate by 10%, it is **B8B7B8**.

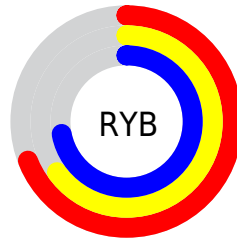
# Distribution



Red (69%)

Green (65%)

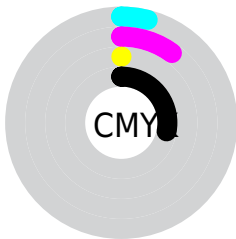
Blue (72%)



Red (69%)

Yellow (65%)

Blue (72%)

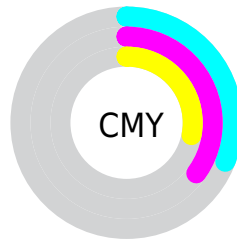


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (35%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A5B8 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 B0A5B8 by changing the saturation by 10% instead.



 B0A5B8

 B0A5B8

FFFFFF

 958B9D

 E8DCF0

 7B7183

 FFF9FF

 63596A

 4B4152

 342B3B

 1F1725

 030010

 000000

 B0A5B8

 B0A5B8

 A893B8


 B8B7B8

 A180B8

 BFCAB8

 996EB8

 C7DCB8

 915BB8

 CFEFB8

 8949B8

 D7FFB8

 8237B8

 DEFFB8

 7A24B8

 E6FFB8

 7212B8

 EEFFB8

 6B00B8

 F6FFB8

# Harmonies

## Analogous

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



A3A8BD



B0A5B8



BAA3AF

# Triad

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



B0A5B8



B7A696



90AFAD

# Complementary

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



B0A5B8



ADB8A5

# 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.



96AEA2



B0A5B8



ADA995

# Square

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



B0A5B8



BEA39C



A1AD9A



90AEB6

# Rectangle

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



B0A5B8



BEA2A8



A1AD9A



92AFA9



# Sweetspot

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



B0A5B8



EDE9F0



A5ADB8



767378



F7F7F7



787878



# Same Dimension

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



B0A5B8



E4D3F0



B8A5B7



58535C



5A009C



10001C



# Inverse Universe

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



B8A5AD



F0D3DF



A5B8A6



5C5356



9C0041

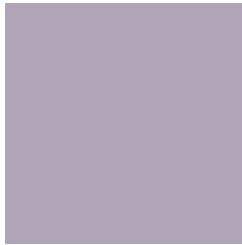


1C000C



# Previews

## White Background



This preview shows how the Hex color B0A5B8 looks on a white background.

## Color Contrast Check

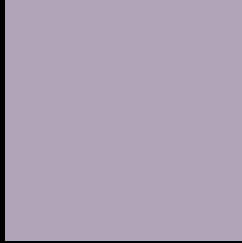
Large Text (above 18pt) WCAG AA × Fail

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 B0A5B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

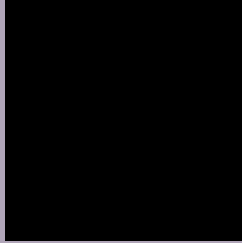
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A5B8 Background



This preview shows how black text looks on a background with the Hex color B0A5B8.



This preview shows how white text looks on a background with the Hex color B0A5B8.

# 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**  
B0A5B8

**Protanopia**  
A7A8BA

**Deuteranopia**  
B2A4B8



**Tritanopia**  
AFA6B3

# Trichromacy



**Original Color**  
B0A5B8

**Protanomaly**  
AAA7B9

**Deuteranomaly**  
B1A4B8

**Tritanomaly**  
AFA6B5

# Monochromacy



**Original Color**  
B0A5B8

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
ACA8AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A5B8 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 #B0A5B8 looks like.

```
.text, #text, p{  
    color:#B0A5B8  
}
```

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 #B0A5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A5B8  
}
```

## Border

The CSS property to change the border of an element to Hex B0A5B8 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  
#B0A5B8 }
```

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

```
.border{ border-color:#B0A5B8 }
```

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

Here you see how a box with a 4 pixel #B0A5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A5B8; -webkit-box-shadow:4px 4px  
4px 4px #B0A5B8; box-shadow:4px 4px 4px  
4px #B0A5B8 }
```

# Background

The CSS property to change the background color of an element to Hex B0A5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A5B8 }
```

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

```
.background{ background-color:#B0A5B8 }
```

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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