

# Converting Colors

Hex(B0A5C6)

Have a look what the booklet for  
Hex(B0A5C6) contains.

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# **Color**

**Hex(B0A5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0A5C6
RGB	176, 165, 198
RGB Percent	69%, 65%, 78%
CMY	0.3098, 0.3529, 0.2235
CMYK	0.11, 0.17, 0.00, 0.22
HSL	260°, 22%, 71%
HSV	260°, 17%, 78%
XYZ	41.5527, 40.2176, 58.9988
YIQ	172.0510, -4.0370, 12.5950

# Conversions

## Conversions Part 2

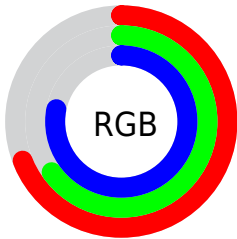
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 165, 198
Decimal	11576774
CIE Lab	69.62, 10.41, -15.42
CIE LCh	70, 18.608, 304.020
Yxy	40.2176, 0.2952, 0.2857
Android (android.graphics.Color)	4289766854 (0xFFB0A5C6)
YUV	172.0510, 12.7929, 3.4633
Hunter-Lab	63.4173, 5.9774, -10.7669

# Details

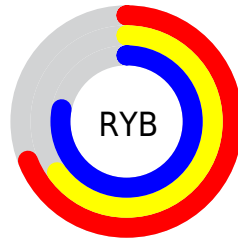
The Hex color **B0A5C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BBC6A5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E8DCFF**, and **7B7190** is the 20% darker color. If you saturate the color by 10%, you get **A391C6**, and if you desaturate by 10%, it is **BDB9C6**.

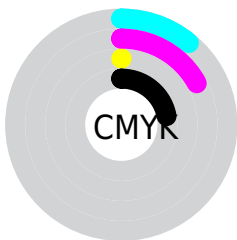
# Distribution



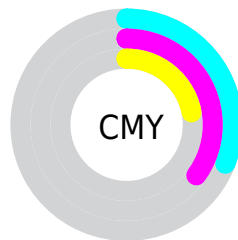
- Red (69%)
- Green (65%)
- Blue (78%)



- Red (69%)
- Yellow (65%)
- Blue (78%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0A5C6 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 B0A5C6 by changing the saturation by 10% instead.



 B0A5C6

 B0A5C6

FFFFFF

 958BAB

 E8DCFF

 7B7190

 FFF9FF

 625976

 4A415E

 332B46

 1D1730

 06001B

 000000

 B0A5C6

 B0A5C6

 A391C6

 BDB9C6

 967DC6

 CACDC6

 886AC6

 D8E0C6

 7B56C6

 E5F4C6

 6E42C6

 F2FFC6

 612EC6

 FFFFC6

 541AC6

 4607C6

 4200C6

# Harmonies

## Analogous

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



9AABCB



B0A5C6



C2A0B9

# Triad

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



B0A5C6



C4A48C



81B4AC

# Complementary

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



B0A5C6



BBC6A5

# 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.



8FB29B



B0A5C6



B5AA89

# Square

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



B0A5C6



CCA098



A2AF8E



7DB3BC

# Rectangle

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



B0A5C6



CA9FAE



A2AF8E



85B4A6



# Sweetspot

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



B0A5C6



F7F2FF



A5BBC6



7A7880



000000



808080



# Same Dimension

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



B0A5C6



DDCCFF



C1A5C6



5D5A63



3600A3



0C0024



# Inverse Universe

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



C6A5BB



FFCCEE



ABC6A5



635A60



A3006D

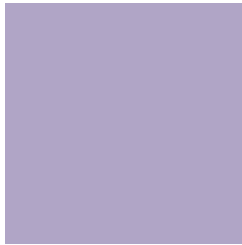


240018



# Previews

## White Background



This preview shows how the Hex color B0A5C6 looks on a white background.

## Color Contrast Check

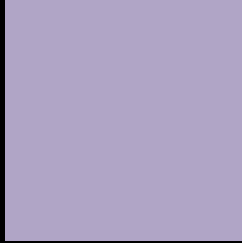
Large Text (above 18pt) WCAG AA × Fail

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 B0A5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

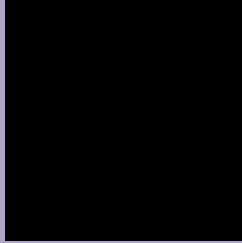
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0A5C6 Background



This preview shows how black text looks on a background with the Hex color B0A5C6.



This preview shows how white text looks on a background with the Hex color B0A5C6.

# 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**  
B0A5C6

**Protanopia**  
A4A9C8

**Deuteranopia**  
ADA6C6



# Trichromacy



**Original Color**  
B0A5C6

**Protanomaly**  
A8A8C7

**Deuteranomaly**  
AEA6C6

**Tritanomaly**  
AEA7BB

# Monochromacy



**Original Color**  
B0A5C6

**Achromatopsia**  
ACACAC

**Achromatomaly**  
ADA9B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0A5C6 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 #B0A5C6 looks like.

```
.text, #text, p{  
    color:#B0A5C6  
}
```

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 #B0A5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A5C6  
}
```

## Border

The CSS property to change the border of an element to Hex B0A5C6 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  
#B0A5C6 }
```

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

```
.border{ border-color:#B0A5C6 }
```

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

Here you see how a box with a 4 pixel #B0A5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A5C6; -webkit-box-shadow:4px 4px  
4px 4px #B0A5C6; box-shadow:4px 4px 4px  
4px #B0A5C6 }
```

# Background

The CSS property to change the background color of an element to Hex B0A5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A5C6 }
```

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

```
.background{ background-color:#B0A5C6 }
```

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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