

# Converting Colors

Hex(B09CB3)

Have a look what the booklet for  
Hex(B09CB3) contains.

<b>Hex(B09CB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B09CB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09CB3
RGB	176, 156, 179
RGB Percent	69%, 61%, 70%
CMY	0.3098, 0.3882, 0.2980
CMYK	0.02, 0.13, 0.00, 0.30
HSL	292°, 13%, 66%
HSV	292°, 13%, 70%
XYZ	37.9296, 36.2617, 47.6479
YIQ	164.6020, 4.5370, 11.3930

# Conversions

## Conversions Part 2

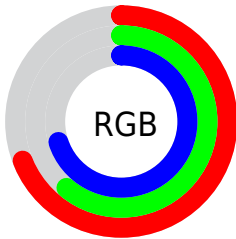
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 156, 179
Decimal	11574451
CIE Lab	66.72, 11.57, -9.22
CIE LCh	67, 14.792, 321.432
Yxy	36.2617, 0.3113, 0.2976
Android (android.graphics.Color)	4289764531 (0xFFB09CB3)
YUV	164.6020, 7.0982, 9.9960
Hunter-Lab	60.2177, 7.0518, -4.7615

# Details

The Hex color **B09CB3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FB39C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8D3EB**, and **7B697E** is the 20% darker color. If you saturate the color by 10%, you get **AE8AB3**, and if you desaturate by 10%, it is **B2AEB3**.

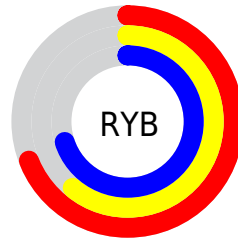
# Distribution



Red (69%)

Green (61%)

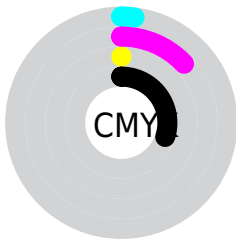
Blue (70%)



Red (69%)

Yellow (61%)

Blue (70%)

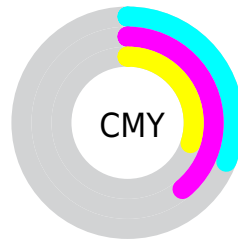


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (39%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09CB3 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 B09CB3 by changing the saturation by 10% instead.



 B09CB3

 B09CB3

FFFFFF

 958298

 E8D3EB

 7B697E

 FFEFFF

 625165

 4A3A4D

 342437

 1E0F21

 000009

 000000

 B09CB3

 B09CB3

 AE8AB3

 B2AEB3

 AB78B3

 B5C0B3

 A966B3

 B7D2B3

 A754B3

 B9E4B3

 A443B3

 BCF6B3

 A231B3

 BEFFB3

 A01FB3

 C0FFB3

 9D0DB3

 C3FFB3

 9C00B3

 C5FFB3

# Harmonies

## Analogous

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



A0A0BB



B09CB3



BB99A7

# Triad

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



B09CB3



B1A088



80AAAB

# Complementary

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



B09CB3



9FB39C

# 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.



86AA9E



B09CB3



A3A489

# Square

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



B09CB3



BB9C8E



93A891



83A8B7

# Rectangle

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



B09CB3



BE999E



93A891



81AAA7



# Sweetspot

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



B09CB3



E7DFE8



9C9FB3



756F75



F5F5F5



757575



# Same Dimension

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



B09CB3



E4C5E8



B39CAB



585059



850099



16001A



# Inverse Universe

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



B39C9F



E8C5CA



9CB3A4



595051



990014

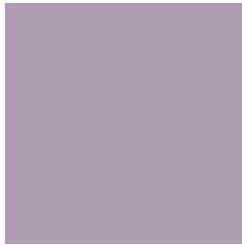


1A0003



# Previews

## White Background



This preview shows how the Hex color B09CB3 looks on a white background.

## Color Contrast Check

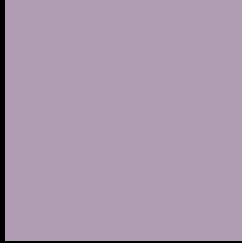
Large Text (above 18pt) WCAG AA × Fail

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 B09CB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

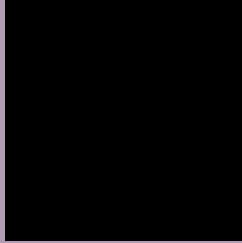
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09CB3 Background



This preview shows how black text looks on a background with the Hex color B09CB3.



This preview shows how white text looks on a background with the Hex color B09CB3.

# 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**  
B09CB3

**Protanopia**  
9FA1B6

**Deuteranopia**  
AB9EB3



**Tritanopia**  
AF9EAA

# Trichromacy



**Original Color**  
B09CB3

**Protanomaly**  
A59FB5

**Deuteranomaly**  
AD9DB3

**Tritanomaly**  
AF9DAD

# Monochromacy



**Original Color**  
B09CB3

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A9A2AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09CB3 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 #B09CB3 looks like.

```
.text, #text, p{  
    color:#B09CB3  
}
```

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 #B09CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09CB3
}
```

## Border

The CSS property to change the border of an element to Hex B09CB3 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
#B09CB3 }
```

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

```
.border{ border-color:#B09CB3 }
```

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

Here you see how a box with a 4 pixel #B09CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09CB3; -webkit-box-shadow:4px 4px  
4px 4px #B09CB3; box-shadow:4px 4px 4px  
4px #B09CB3 }
```

# Background

The CSS property to change the background color of an element to Hex B09CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09CB3 }
```

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

```
.background{ background-color:#B09CB3 }
```

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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