

# Converting Colors

Hex(B09EC1)

Have a look what the booklet for  
Hex(B09EC1) contains.

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# **Color**

**Hex(B09EC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B09EC1
RGB	176, 158, 193
RGB Percent	69%, 62%, 76%
CMY	0.3098, 0.3804, 0.2431
CMYK	0.09, 0.18, 0.00, 0.24
HSL	271°, 22%, 69%
HSV	271°, 18%, 76%
XYZ	39.7570, 37.5341, 55.6015
YIQ	167.3720, -0.5070, 14.7010

# Conversions

## Conversions Part 2

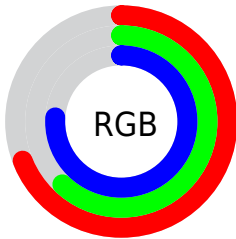
Format	Color
<a href="#">RYB</a>	<a href="#">176, 158, 193</a>
Decimal	<a href="#">11574977</a>
CIELab	<a href="#">67.68, 13.26, -15.59</a>
CIELCh	<a href="#">68, 20.469, 310.386</a>
Yxy	<a href="#">37.5341, 0.2992, 0.2824</a>
Android (android.graphics.Color)	<a href="#">4289765057</a> ( <a href="#">0xFFB09EC1</a> )
YUV	<a href="#">167.3720, 12.6346, 7.5668</a>
Hunter-Lab	<a href="#">61.2651, 8.6209, -10.9234</a>

# Details

The Hex color **B09EC1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFC19E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E8D5F9**, and **7B6B8B** is the 20% darker color. If you saturate the color by 10%, you get **A78BC1**, and if you desaturate by 10%, it is **B9B1C1**.

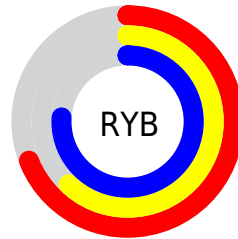
# Distribution



Red (69%)

Green (62%)

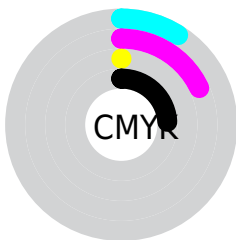
Blue (76%)



Red (69%)

Yellow (62%)

Blue (76%)

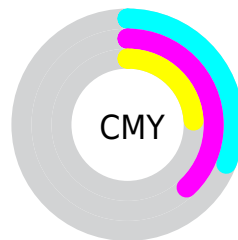


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (38%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B09EC1 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 B09EC1 by changing the saturation by 10% instead.



 B09EC1

 B09EC1

FFFFFF

 9584A6

 E8D5F9

 7B6B8B

 FFF1FF

 625272

 4A3B59

 332542

 1D112C

 000017

 000000

 B09EC1

 B09EC1

 A78BC1

 B9B1C1

 9D77C1


 C3C5C1

 9464C1

 CCD8C1

 8B51C1

 D5EBC1

 813EC1

 DFFFC1

 782AC1

 E8FFC1

 6E17C1

 F2FFC1

 6504C1

 FBFFC1

 6300C1

 FFFFC1

# Harmonies

## Analogous

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



98A4C9



B09EC1



C299B2

# Triad

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



B09EC1



BEA083



75B0AB

# Complementary

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



B09EC1



AFC19E

# 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.



83AE98



B09EC1



ACA681

# Square

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



B09EC1



C99A8E



97AB88



73AEBC

# Rectangle

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



B09EC1



C998A5



97AB88



78AFA4



# Sweetspot

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



B09EC1



F4EDFA



9EB0C1



79757D



FCFCFC



7D7D7D



# Same Dimension

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



B09EC1



DFC3FA



C19EC1



5C5761



5300A1



110021



# Inverse Universe

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



C19EAF



FAC3DE



9EC19E



61575C



A1004E

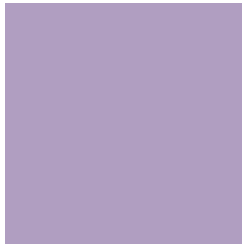


210010



# Previews

## White Background



This preview shows how the Hex color B09EC1 looks on a white background.

## Color Contrast Check

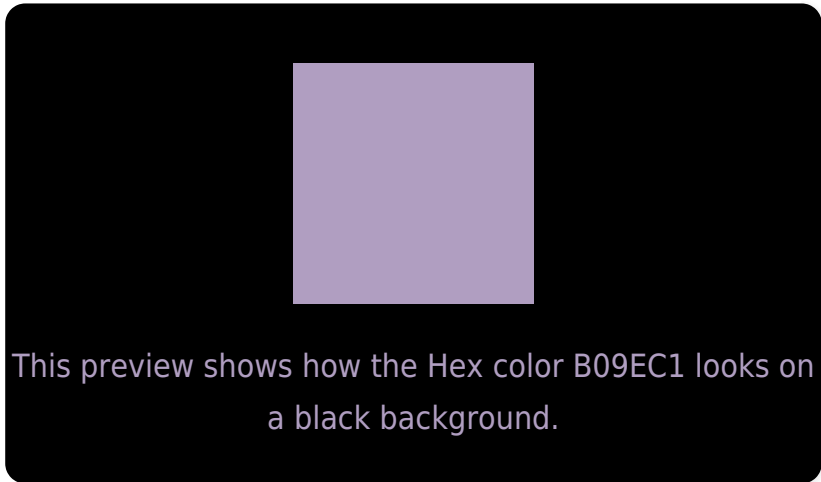
Large Text (above 18pt) WCAG AA × Fail

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

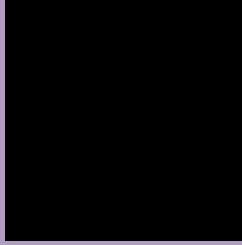
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B09EC1 Background



This preview shows how black text looks on a background with the Hex color B09EC1.



This preview shows how white text looks on a background with the Hex color B09EC1.

# 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**  
B09EC1

**Protanopia**  
9EA3C5

**Deuteranopia**  
A8A1C0



**Tritanopia**  
ADA1AE

# Trichromacy



**Original Color**  
B09EC1

**Protanomaly**  
A5A1C4

**Deuteranomaly**  
ABA0C0

**Tritanomaly**  
AEA0B5

# Monochromacy



**Original Color**  
B09EC1

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
AAA4B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B09EC1 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 #B09EC1 looks like.

```
.text, #text, p{  
    color:#B09EC1  
}
```

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 #B09EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09EC1
}
```

## Border

The CSS property to change the border of an element to Hex B09EC1 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
#B09EC1 }
```

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

```
.border{ border-color:#B09EC1 }
```

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

Here you see how a box with a 4 pixel #B09EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09EC1; -webkit-box-shadow:4px 4px  
4px 4px #B09EC1; box-shadow:4px 4px 4px  
4px #B09EC1 }
```

# Background

The CSS property to change the background color of an element to Hex B09EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09EC1 }
```

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

```
.background{ background-color:#B09EC1 }
```

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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