

# Converting Colors

Hex(B094BD)

Have a look what the booklet for  
Hex(B094BD) contains.

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# **Color**

**Hex(B094BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B094BD
RGB	176, 148, 189
RGB Percent	69%, 58%, 74%
CMY	0.3098, 0.4196, 0.2588
CMYK	0.07, 0.22, 0.00, 0.26
HSL	281°, 24%, 66%
HSV	281°, 22%, 74%
XYZ	37.6797, 34.0840, 52.7371
YIQ	161.0460, 3.5270, 18.6870

# Conversions

## Conversions Part 2

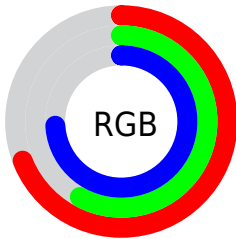
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 148, 189
Decimal	11572413
CIELab	65.03, 18.04, -17.36
CIElCh	65, 25.037, 316.101
Yxy	34.0840, 0.3026, 0.2738
Android (android.graphics.Color)	4289762493 (0xFFB094BD)
YUV	161.0460, 13.7813, 13.1147
Hunter-Lab	58.3815, 13.0370, -12.6906

# Details

The Hex color **B094BD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1BD94**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E8CAF5**, and **7B6188** is the 20% darker color. If you saturate the color by 10%, you get **AA81BD**, and if you desaturate by 10%, it is **B6A7BD**.

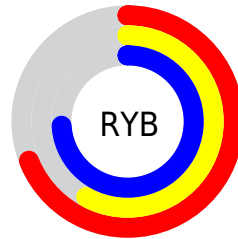
# Distribution



Red (69%)

Green (58%)

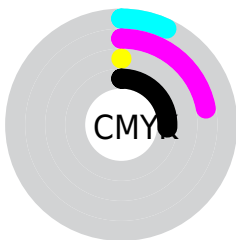
Blue (74%)



Red (69%)

Yellow (58%)

Blue (74%)

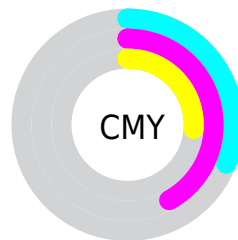


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (42%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B094BD 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 B094BD by changing the saturation by 10% instead.



 B094BD

 B094BD

FFFFFF

 957AA2

 E8CAF5

 7B6188

 FFE6FF

 62496E

 4A3256


 331D3E

 1D0628

 000113

 000000

 B094BD

 B094BD

AA81BD

B6A7BD

A46EBD

BCBABD

9E5BBB

C2CDBD

9848BD

C8E0BD

9235BD

CEF3BD

8C23BD

D4FFBD

8610BD

DAFFBD

8100BD

E0FFBD

E6FFBD

# Harmonies

## Analogous

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



939CC9



B094BD



C48FA9

# Triad

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



B094BD



B89973



5DAAA9

# Complementary

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



B094BD



A1BD94

# 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.



6FAA92



B094BD



A2A073

# Square

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



B094BD



C7927E



88A67E



5DA8BD

# Rectangle

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



B094BD



CA8D9A



88A67E



62AAA2



# Sweetspot

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



B094BD



EFE4F5



94A2BD



77717A



FAFafa



7A7A7A



# Same Dimension

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



B094BD



E1B5F5



BD94B6



5B555E



6C009E



15001F



# Inverse Universe

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



BD94A1



F5B5C9



94BD9B



5E5558



9E0032

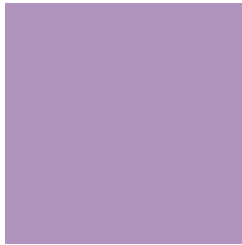


1F000A



# Previews

## White Background



This preview shows how the Hex color B094BD looks on a white background.

## Color Contrast Check

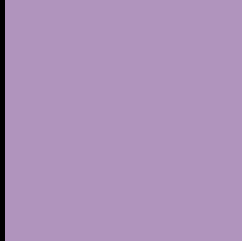
Large Text (above 18pt) WCAG AA × Fail

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 B094BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

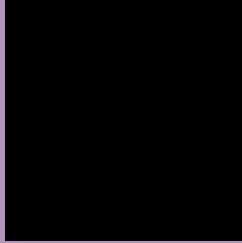
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B094BD Background



This preview shows how black text looks on a background with the Hex color B094BD.



This preview shows how white text looks on a background with the Hex color B094BD.

# 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**  
B094BD

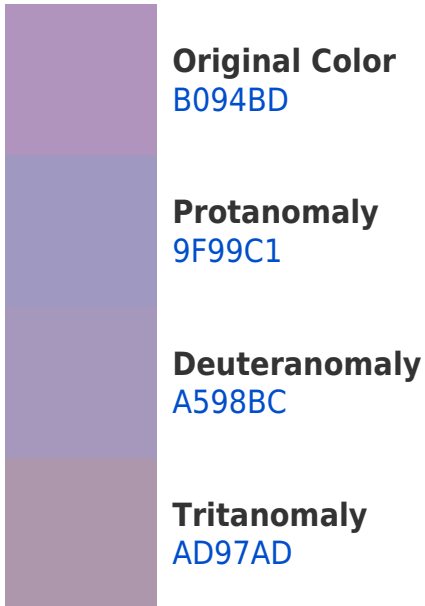
**Protanopia**  
959CC3

**Deuteranopia**  
9F9ABC

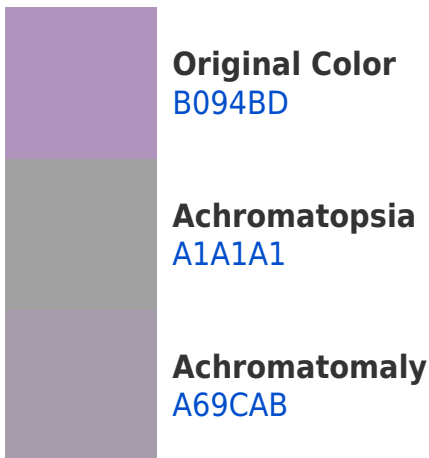


**Tritanopia**  
AC98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B094BD 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 #B094BD looks like.

```
.text, #text, p{  
    color:#B094BD  
}
```

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 #B094BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B094BD
}
```

## Border

The CSS property to change the border of an element to Hex B094BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

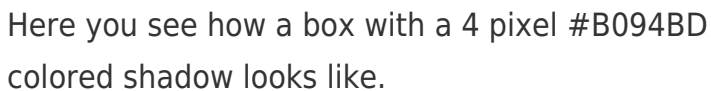
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B094BD }
```

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

```
.border{ border-color:#B094BD }
```

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



Here you see how a box with a 4 pixel #B094BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B094BD; -webkit-box-shadow:4px 4px  
4px 4px #B094BD; box-shadow:4px 4px 4px  
4px #B094BD }
```

# Background

The CSS property to change the background color of an element to Hex B094BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B094BD }
```

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

```
.background{ background-color:#B094BD }
```

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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