

# Converting Colors

Hex(B99EC7)

Have a look what the booklet for  
Hex(B99EC7) contains.

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# **Color**

**Hex(B99EC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99EC7
RGB	185, 158, 199
RGB Percent	73%, 62%, 78%
CMY	0.2745, 0.3804, 0.2196
CMYK	0.07, 0.21, 0.00, 0.22
HSL	280°, 27%, 70%
HSV	280°, 21%, 78%
XYZ	42.5432, 38.8915, 59.2974
YIQ	170.7470, 2.9310, 18.4750

# Conversions

## Conversions Part 2

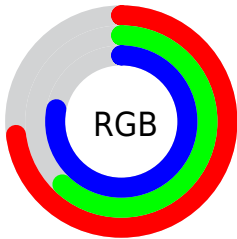
Format	Color
<a href="#">RYB</a>	<a href="#">185, 158, 199</a>
Decimal	<a href="#">12164807</a>
CIELab	<a href="#">68.67, 17.50, -17.34</a>
CIElCh	<a href="#">69, 24.638, 315.273</a>
Yxy	<a href="#">38.8915, 0.3023, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4290354887 (0xFFB99EC7)</a>
YUV	<a href="#">170.7470, 13.9287, 12.4999</a>
Hunter-Lab	<a href="#">62.3631, 12.6349, -12.7212</a>

# Details

The Hex color **B99EC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACC79E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F1D5FF**, and **846A91** is the 20% darker color. If you saturate the color by 10%, you get **B28AC7**, and if you desaturate by 10%, it is **C0B2C7**.

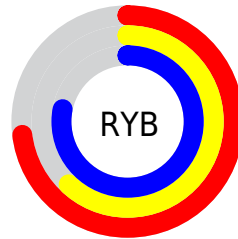
# Distribution



Red (73%)

Green (62%)

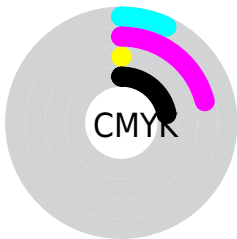
Blue (78%)



Red (73%)

Yellow (62%)

Blue (78%)

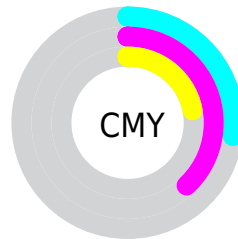


Cyan (7%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99EC7 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 B99EC7 by changing the saturation by 10% instead.



 B99EC7

 B99EC7

FFFFFF

 9E84AC

 F1D5FF

 846A91

 FFF1FF

 6A5277

 523B5E

 3A2547

 241030

 0D001C

 000000

 B99EC7

 B99EC7

 B28AC7

 C0B2C7

 AB76C7

 C7C6C7

 A562C7

 CDDAC7

 9E4EC7

 D4EEC7

 973BC7

 DBFFC7

 9027C7

 E2FFC7

 8913C7

 E9FFC7

 8300C7

 EFFFC7

 F6FFC7

# Harmonies

## Analogous

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



9CA6D2



B99EC7



CD99B3

# Triad

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



B99EC7



C2A27D



69B4B2

# Complementary

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



B99EC7



ACC79E

# 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.



7AB39B



B99EC7



ACAA7C

# Square

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



B99EC7



D19B89



93B088



69B2C6

# Rectangle

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



B99EC7



D497A4



93B088



6DB4AB



# Sweetspot

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



B99EC7



FAF0FF



9EACC7



7C7780



000000



808080



# Same Dimension

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



B99EC7



E9BFFF



C79EC1



605A63



6B00A3



180024



# Inverse Universe

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



C79EAC



FFBFD5



9EC7A4



635A5D



A30038

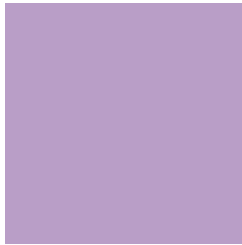


24000C



# Previews

## White Background



This preview shows how the Hex color B99EC7 looks on a white background.

## Color Contrast Check

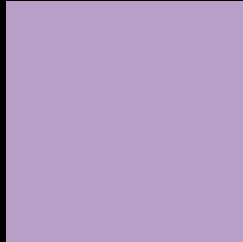
Large Text (above 18pt) WCAG AA × Fail

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 B99EC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

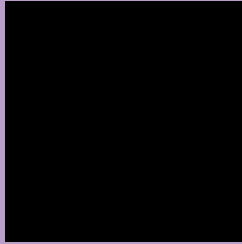
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B99EC7 Background



This preview shows how black text looks on a background with the Hex color B99EC7.



This preview shows how white text looks on a background with the Hex color B99EC7.

# 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**  
B99EC7

**Protanopia**  
9FA6CC

**Deuteranopia**  
A9A4C6



**Tritanopia**  
B5A2AF

# Trichromacy



**Original Color**  
B99EC7

**Protanomaly**  
A8A3CA

**Deuteranomaly**  
AFA2C6

**Tritanomaly**  
B6A1B8

# Monochromacy



**Original Color**  
B99EC7

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B0A6B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99EC7 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 #B99EC7 looks like.

```
.text, #text, p{  
    color:#B99EC7  
}
```

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 #B99EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99EC7
}
```

## Border

The CSS property to change the border of an element to Hex B99EC7 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
#B99EC7 }
```

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

```
.border{ border-color:#B99EC7 }
```

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

Here you see how a box with a 4 pixel #B99EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99EC7; -webkit-box-shadow:4px 4px  
4px 4px #B99EC7; box-shadow:4px 4px 4px  
4px #B99EC7 }
```

# Background

The CSS property to change the background color of an element to Hex B99EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99EC7 }
```

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

```
.background{ background-color:#B99EC7 }
```

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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