

Converting Colors

Hex(B79EC9)

Have a look what the booklet for
Hex(B79EC9) contains.

Hex(B79EC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B79EC9)

Conversions

Conversions Part 1

Format	Color
Hex	B79EC9
RGB	183, 158, 201
RGB Percent	72%, 62%, 79%
CMY	0.2824, 0.3804, 0.2118
CMYK	0.09, 0.21, 0.00, 0.21
HSL	275°, 28%, 70%
HSV	275°, 21%, 79%
XYZ	42.2979, 38.7380, 60.5062
YIQ	170.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

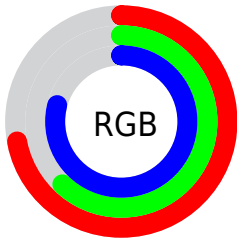
Format	Color
R_{YB}	183, 158, 201
Decimal	12033737
CIE _{Lab}	68.56, 17.25, -18.63
CIE _{LCh}	69, 25.391, 312.790
Yxy	38.7380, 0.2988, 0.2737
Android (android.graphics.Color)	4290223817 (0xFFB79EC9)
YUV	170.3770, 15.0971, 11.0704
Hunter-Lab	62.2399, 12.3879, -14.0705

Details

The Hex color **B79EC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0C99E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EFD5FF**, and **826B93** is the 20% darker color. If you saturate the color by 10%, you get **AF8AC9**, and if you desaturate by 10%, it is **BFB2C9**.

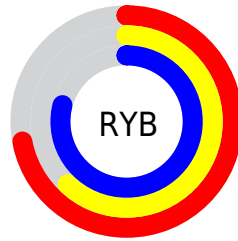
Distribution



Red (72%)

Green (62%)

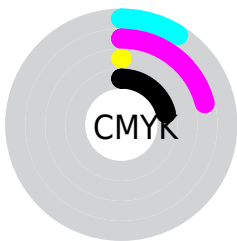
Blue (79%)



Red (72%)

Yellow (62%)

Blue (79%)

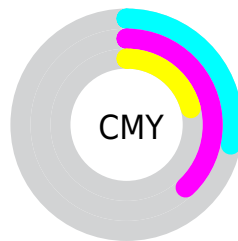


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (28%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B79EC9 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 B79EC9 by changing the saturation by 10% instead.

 B79EC9

 B79EC9

FFFFFF

 9C84AE

 EFD5FF

 826B93

 FFF1FF

 685279

 503B60

 382548

 221032

 0A001D

 000000

 B79EC9

 B79EC9

 AF8AC9

 BFB2C9

 A676C9

 C8C6C9

 9E62C9

 D0DAC9

 954EC9

 D9EEC9

 8D3AC9

 E1FFC9

 8525C9

 E9FFC9

 7C11C9

 F2FFC9

 7500C9

 FAFFC9

 FFFFC9

Harmonies

Analogous

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



99A6D4



B79EC9



CD98B5

Triad

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



B79EC9



C4A17C



67B4B1

Complementary

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



B79EC9



B0C99E

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.



7AB399



B79EC9



AEA97A

Square

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



B79EC9



D29A89



94AF85



65B2C6

Rectangle

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



B79EC9



D496A6



94AF85



6CB4A9

Sweetspot

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



B79EC9



F9F0FF



9EB1C9



7C7780



000000



808080

Same Dimension

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



B79EC9



E3BDFE



C99EC6



5F5A63



5F00A3



150024

Inverse Universe

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



C99EB0



FFBDD8



9EC9A1



635A5E



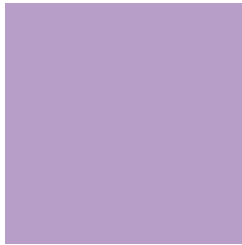
A30044



24000F

Previews

White Background



This preview shows how the Hex color B79EC9 looks on a white background.

Color Contrast Check

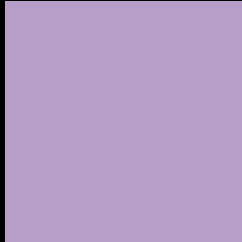
Large Text (above 18pt) WCAG AA × Fail

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 B79EC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

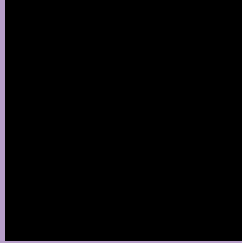
Any Text WCAG AA ✓ Pass

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 B79EC9 Background



This preview shows how black text looks on a background with the Hex color B79EC9.

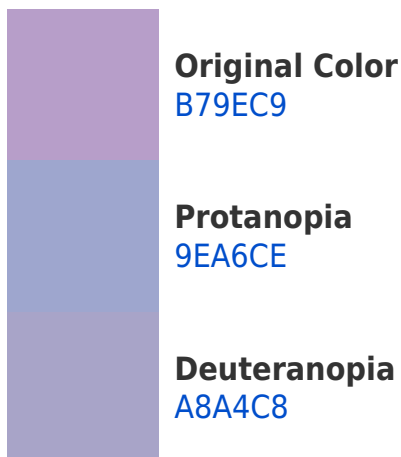


This preview shows how white text looks on a background with the Hex color B79EC9.

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





Tritanopia
B3A3AF

Trichromacy



Original Color
B79EC9

Protanomaly
A7A3CC

Deuteranomaly
ADA2C8

Tritanomaly
B4A1B8

Monochromacy



Original Color
B79EC9

Achromatopsia
AAAAAA

Achromatomaly
AFA6B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B79EC9 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 #B79EC9 looks like.

```
.text, #text, p{  
    color:#B79EC9  
}
```

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 #B79EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79EC9
}
```

Border

The CSS property to change the border of an element to Hex B79EC9 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
#B79EC9 }
```

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

```
.border{ border-color:#B79EC9 }
```

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

Here you see how a box with a 4 pixel #B79EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79EC9; -webkit-box-shadow:4px 4px  
4px 4px #B79EC9; box-shadow:4px 4px 4px  
4px #B79EC9 }
```

Background

The CSS property to change the background color of an element to Hex B79EC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79EC9 }
```

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

```
.background{ background-color:#B79EC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor