

Converting Colors

Hex(B79DD8)

Have a look what the booklet for
Hex(B79DD8) contains.

Hex(B79DD8)	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(B79DD8)

Conversions

Conversions Part 1

Format	Color
Hex	B79DD8
RGB	183, 157, 216
RGB Percent	72%, 62%, 85%
CMY	0.2824, 0.3843, 0.1529
CMYK	0.15, 0.27, 0.00, 0.15
HSL	266°, 43%, 73%
HSV	266°, 27%, 85%
XYZ	43.9801, 39.1391, 70.2023
YIQ	171.5000, -3.4430, 23.8610

Conversions

Conversions Part 2

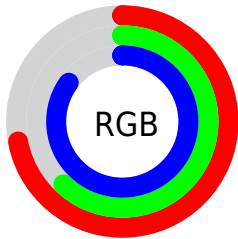
Format	Color
RYB	183, 157, 216
Decimal	12033496
CIELab	68.85, 20.99, -26.48
CIELCh	69, 33.793, 308.399
Yxy	39.1391, 0.2868, 0.2553
Android (android.graphics.Color)	4290223576 (0xFFB79DD8)
YUV	171.5000, 21.9385, 10.0855
Hunter-Lab	62.5612, 16.0020, -22.7387

Details

The Hex color **B79DD8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BED89D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EFD4FF**, and **816AA1** is the 20% darker color. If you saturate the color by 10%, you get **AB87D8**, and if you desaturate by 10%, it is **C3B3D8**.

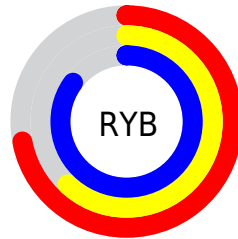
Distribution



Red (72%)

Green (62%)

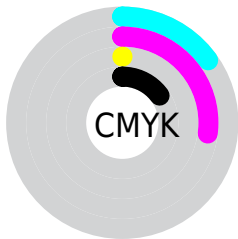
Blue (85%)



Red (72%)

Yellow (62%)

Blue (85%)

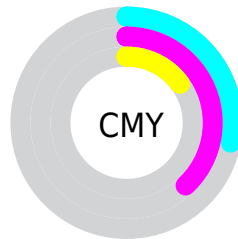


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B79DD8 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 B79DD8 by changing the saturation by 10% instead.

 B79DD8

 B79DD8

FFFFFF

 9C83BC

 EFD4FF

 816AA1

 FFF0FF

 685187

 4F3A6D

 372455

 200F3D

 0A0027

 000110

 000000

 B79DD8

 B79DD8

 AB87D8

 C3B3D8

 9F72D8

 CFC8D8

 935CD8

 DBDED8

 8747D8

 E7F3D8

 7B31D8

 F3FFD8

 6F1BD8

 FFFFD8

 6206D8

 5F00D8

Harmonies

Analogous

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



8BA8E4



B79DD8



D694BF

Triad

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



B79DD8



D09E70



4AB9B0

Complementary

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



B79DD8



BED89D

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.



6EB790



B79DD8



B4A96B

Square

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



B79DD8



E19583



93B177



3AB7CD

Rectangle

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



B79DD8



E191AB



93B177



55B8A5

Sweetspot

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



B79DD8



F4EBFF



9DBED8



787380



000000



808080

Same Dimension

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



B79DD8



D0ABFF



D49DD8



65606B



4B00AB



13002B

Inverse Universe

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



D89DBE



FFABDA



A1D89D



6B6066



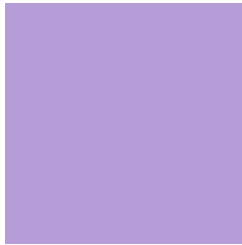
AB0060



2B0018

Previews

White Background



This preview shows how the Hex color B79DD8 looks on a white background.

Color Contrast Check

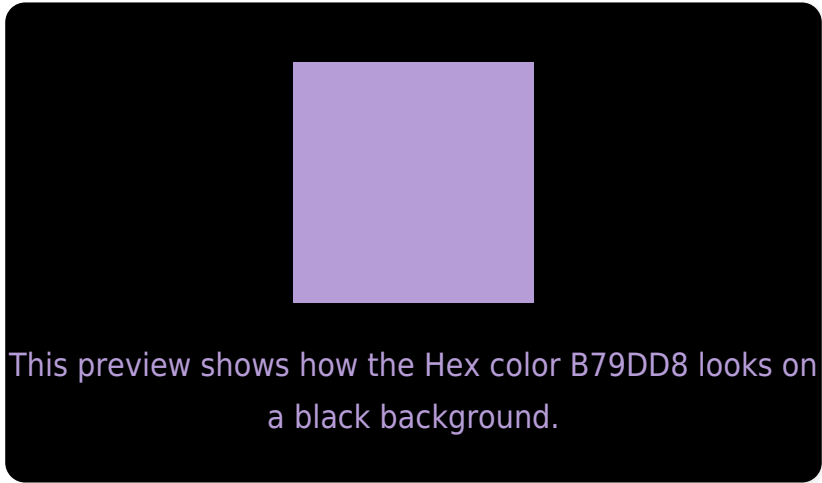
Large Text (above 18pt) WCAG AA × Fail

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

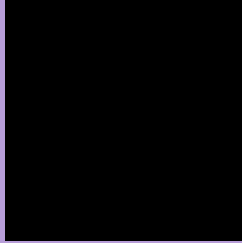
Any Text WCAG AA ✓ Pass

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 B79DD8 Background



This preview shows how black text looks on a background with the Hex color B79DD8.

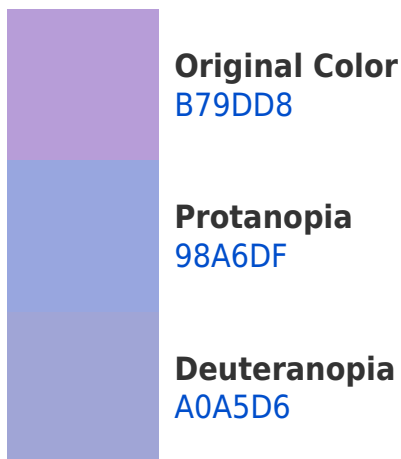


This preview shows how white text looks on a background with the Hex color B79DD8.

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
B1A4B1

Trichromacy



Original Color
B79DD8

Protanomaly
A3A3DC

Deuteranomaly
A8A2D7

Tritanomaly
B3A1BF

Monochromacy



Original Color
B79DD8

Achromatopsia
ACACAC

Achromatomaly
B0A7BC

CSS Examples

Text

The CSS property to change the color of the text to Hex B79DD8 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 #B79DD8 looks like.

```
.text, #text, p{  
    color:#B79DD8  
}
```

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 #B79DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79DD8
}
```

Border

The CSS property to change the border of an element to Hex B79DD8 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
#B79DD8 }
```

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

```
.border{ border-color:#B79DD8 }
```

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

Here you see how a box with a 4 pixel #B79DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79DD8; -webkit-box-shadow:4px 4px  
4px 4px #B79DD8; box-shadow:4px 4px 4px  
4px #B79DD8 }
```

Background

The CSS property to change the background color of an element to Hex B79DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79DD8 }
```

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

```
.background{ background-color:#B79DD8 }
```

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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