

Converting Colors

Hex(B799D3)

Have a look what the booklet for
Hex(B799D3) contains.

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Color

Hex(B799D3)

Conversions

Conversions Part 1

Format	Color
Hex	B799D3
RGB	183, 153, 211
RGB Percent	72%, 60%, 83%
CMY	0.2824, 0.4000, 0.1725
CMYK	0.13, 0.27, 0.00, 0.17
HSL	271°, 40%, 71%
HSV	271°, 27%, 83%
XYZ	42.6775, 37.5529, 66.6271
YIQ	168.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

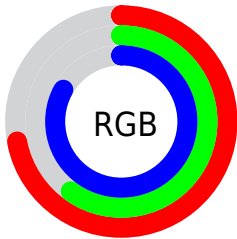
Format	Color
RYB	183, 153, 211
Decimal	12032467
CIELab	67.69, 22.14, -25.50
CIELCh	68, 33.775, 310.966
Yxy	37.5529, 0.2906, 0.2557
Android (android.graphics.Color)	4290222547 (0xFFB799D3)
YUV	168.5820, 20.9121, 12.6446
Hunter-Lab	61.2804, 17.0721, -21.5667

Details

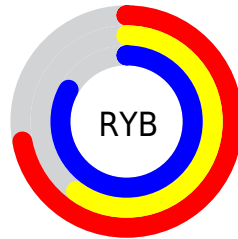
The Hex color **B799D3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5D399**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EFD0FF**, and **81669C** is the 20% darker color. If you saturate the color by 10%, you get **AD84D3**, and if you desaturate by 10%, it is **C1AED3**.

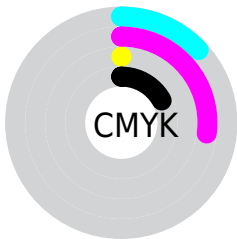
Distribution



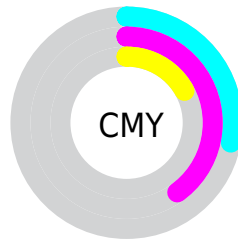
- Red (72%)
- Green (60%)
- Blue (83%)



- Red (72%)
- Yellow (60%)
- Blue (83%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B799D3 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 B799D3 by changing the saturation by 10% instead.


 B799D3

 B799D3

FFFFFF

 9C7FB7

 EFD0FF

 81669C

 FFECFF

 684D82

 4F3669

 372050

 200B39

 050023

 00000A

 000000

 B799D3

 B799D3

 AD84D3

 C1AED3

 A36FD3

 CBC3D3

 985AD3

 D6D8D3

 8E45D3

 E0EDD3

 842FD3

 EAFFD3

 7A1AD3

 F4FFD3

 7005D3

 FEFFD3

 6D00D3

 FFFF D3

Harmonies

Analogous

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



8CA4E0



B799D3



D490B9

Triad

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



B799D3



CA9C6C



43B5AF

Complementary

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



B799D3



B5D399

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.



68B490



B799D3



AEA768

Square

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



B799D3



DC937E



8DAF76



37B3CC

Rectangle

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



B799D3



DE8EA5



8DAF76



4FB5A5

Sweetspot

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



B799D3



F5EBFF



99B5D3



797380



000000



808080

Same Dimension

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



B799D3



D6ABFF



D399D2



645E69



5700A8



150029

Inverse Universe

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



D399B5



FFABD3



99D39A



695E63



A80051



290014

Previews

White Background



This preview shows how the Hex color B799D3 looks on a white background.

Color Contrast Check

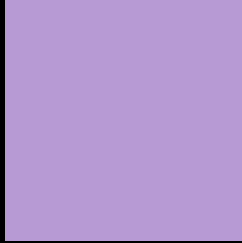
Large Text (above 18pt) WCAG AA × Fail

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 B799D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

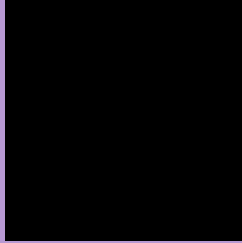
Any Text WCAG AA ✓ Pass

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 B799D3 Background



This preview shows how black text looks on a background with the Hex color B799D3.

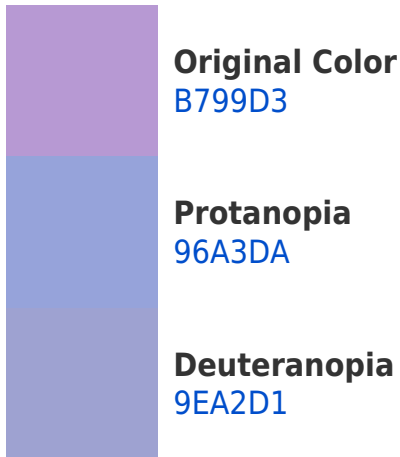


This preview shows how white text looks on a background with the Hex color B799D3.

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



Trichromacy



Original Color
B799D3

Protanomaly
A29FD7

Deuteranomaly
A79FD2

Tritanomaly
B39DBB

Monochromacy



Original Color
B799D3

Achromatopsia
A9A9A9

Achromatomaly
AEA3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex B799D3 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 #B799D3 looks like.

```
.text, #text, p{  
    color:#B799D3  
}
```

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 #B799D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B799D3
}
```

Border

The CSS property to change the border of an element to Hex B799D3 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
#B799D3 }
```

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

```
.border{ border-color:#B799D3 }
```

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

Here you see how a box with a 4 pixel #B799D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B799D3; -webkit-box-shadow:4px 4px  
4px 4px #B799D3; box-shadow:4px 4px 4px  
4px #B799D3 }
```

Background

The CSS property to change the background color of an element to Hex B799D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B799D3 }
```

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

```
.background{ background-color:#B799D3 }
```

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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