

Converting Colors

Hex(B749D1)

Have a look what the booklet for
Hex(B749D1) contains.

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Color

Hex(**B749D1**)

Conversions

Conversions Part 1

Format	Color
Hex	B749D1
RGB	183, 73, 209
RGB Percent	72%, 29%, 82%
CMY	0.2824, 0.7137, 0.1804
CMYK	0.12, 0.65, 0.00, 0.18
HSL	289°, 60%, 55%
HSV	289°, 65%, 82%
XYZ	33.4196, 19.4358, 62.3117
YIQ	121.3940, 21.9040, 65.6160

Conversions

Conversions Part 2

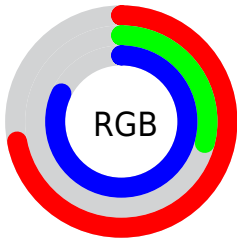
Format	Color
RYB	183, 73, 209
Decimal	12011985
CIELab	51.19, 63.28, -50.20
CIElCh	51, 80.771, 321.576
Yxy	19.4358, 0.2902, 0.1688
Android (android.graphics.Color)	4290202065 (0xFFB749D1)
YUV	121.3940, 43.1898, 54.0285
Hunter-Lab	44.0861, 58.1620, -52.9408

Details

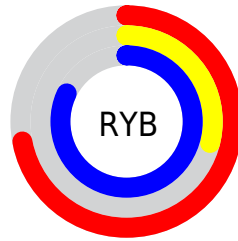
The Hex color **B749D1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **63D149**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F281FF**, and **7E009A** is the 20% darker color. If you saturate the color by 10%, you get **B334D1**, and if you desaturate by 10%, it is **BB5ED1**.

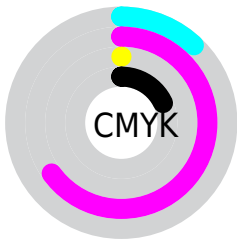
Distribution



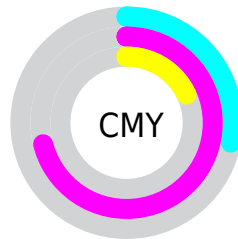
- Red (72%)
- Green (29%)
- Blue (82%)



- Red (72%)
- Yellow (29%)
- Blue (82%)



- Cyan (12%)
- Magenta (65%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B749D1 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 B749D1 by changing the saturation by 10% instead.

 B749D1

 B749D1

FFFFFF

 9A2BB5

 F281FF

 7E009A

 FF9DFF

 62007F

 FFB9FF

 470065

 FFD6FF

 2E004D

 FFF3FF

 0B0035

 00021F

 000001

 000000

 B749D1

 B749D1

 B334D1

 BB5ED1

 AF1FD1

 BF73D1

 AB0AD1

 C388D1

 A900D1

 C79DD1

 CBB2D1

 CFC6D1

 D3DBD1

 D7F0D1

 DBFFD1

Harmonies

Analogous

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



3171FC



B749D1



E80F91

Triad

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



B749D1



A47000



0097AB

Complementary

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



B749D1



63D149

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.



009664



B749D1



658500

Square

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



B749D1



D44E00



009012



0094E6

Rectangle

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



B749D1



F00263



009012



009794

Sweetspot

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



B749D1



F5CCFF



4964D1



7A6180



000000



808080

Same Dimension

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



B749D1



D938FF



D149A8



675E69



8800A8



210029

Inverse Universe

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



D14963



FF385E



49D172



695E60



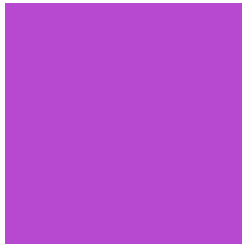
A80020



290008

Previews

White Background



This preview shows how the Hex color B749D1 looks on a white background.

Color Contrast Check

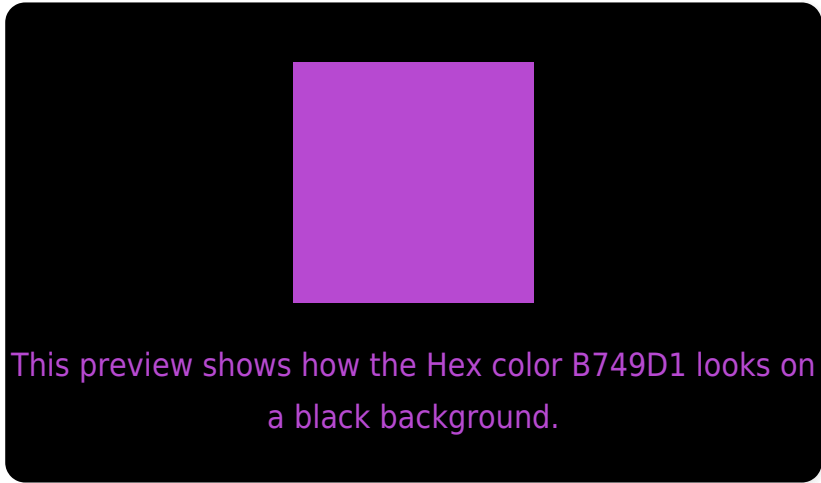
Large Text (above 18pt) WCAG AA ✓ Pass

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

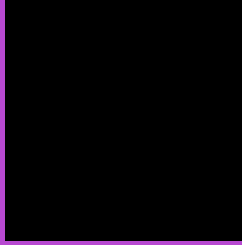
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B749D1 Background



This preview shows how black text looks on a background with the Hex color B749D1.




This preview shows how white text looks on a background with the Hex color B749D1.

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
AA676F

Trichromacy



Original Color
B749D1



Protanomaly
4366EC



Deuteranomaly
7269CB



Tritanomaly
AF5C93

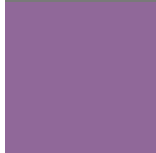
Monochromacy



Original Color
B749D1



Achromatopsia
797979



Achromatomaly
906899

CSS Examples

Text

The CSS property to change the color of the text to Hex B749D1 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 #B749D1 looks like.

```
.text, #text, p{  
    color:#B749D1  
}
```

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 #B749D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B749D1
}
```

Border

The CSS property to change the border of an element to Hex B749D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

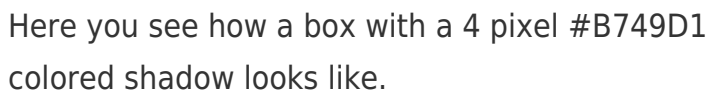
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B749D1 }
```

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

```
.border{ border-color:#B749D1 }
```

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



Here you see how a box with a 4 pixel #B749D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B749D1; -webkit-box-shadow:4px 4px  
4px 4px #B749D1; box-shadow:4px 4px 4px  
4px #B749D1 }
```

Background

The CSS property to change the background color of an element to Hex B749D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B749D1 }
```

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

```
.background{ background-color:#B749D1 }
```

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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