

Converting Colors

Hex(B099D2)

Have a look what the booklet for
Hex(B099D2) contains.

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Color

Hex(B099D2)

Conversions

Conversions Part 1

Format	Color
Hex	B099D2
RGB	176, 153, 210
RGB Percent	69%, 60%, 82%
CMY	0.3098, 0.4000, 0.1765
CMYK	0.16, 0.27, 0.00, 0.18
HSL	264°, 39%, 71%
HSV	264°, 27%, 82%
XYZ	40.9286, 36.6657, 65.8928
YIQ	166.3750, -4.5890, 22.6030

Conversions

Conversions Part 2

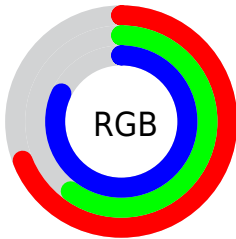
Format	Color
R _Y B	176, 153, 210
Decimal	11573714
CIE Lab	67.03, 19.70, -26.02
CIE LCh	67, 32.640, 307.132
Yxy	36.6657, 0.2852, 0.2555
Android (android.graphics.Color)	4289763794 (0xFFB099D2)
YUV	166.3750, 21.5071, 8.4411
Hunter-Lab	60.5522, 14.6857, -22.1327

Details

The Hex color **B099D2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BBD299**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E8CFFF**, and **7B669B** is the 20% darker color. If you saturate the color by 10%, you get **A384D2**, and if you desaturate by 10%, it is **BDAED2**.

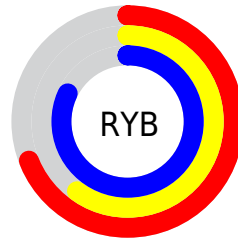
Distribution



Red (69%)

Green (60%)

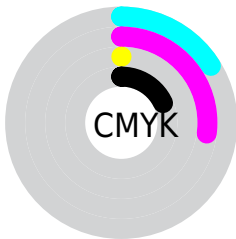
Blue (82%)



Red (69%)

Yellow (60%)

Blue (82%)

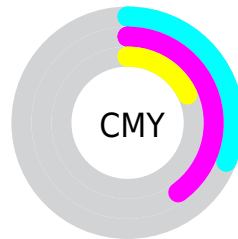


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B099D2 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 B099D2 by changing the saturation by 10% instead.

 B099D2

 B099D2

FFFFFF

 957FB6


 E8CFFF

 7B669B

 FFECFF

 614E81

 493768

 312150


 1A0C38

 000023

 000009

 000000

 B099D2

 B099D2

 A384D2

 BDAED2

 976FD2


 C9C3D2

 8A5AD2

 D6D8D2

 7E45D2

 E2EDD2

 7130D2

 EFFF2

 651BD2

 FBFFD2

 5806D2

 FFFF2

 5500D2

Harmonies

Analogous

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



86A4DD



B099D2



CE90BB

Triad

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



B099D2



CA9A6E



4BB3A9

Complementary

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



B099D2



BBD299

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.



6DB18B



B099D2



B0A468

Square

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



B099D2



DA9181



90AC73



3BB2C6

Rectangle

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



B099D2



D98DA7



90AC73



56B39F

Sweetspot

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



B099D2



F3EBFF



99BBD2



787380



000000



808080

Same Dimension

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



B099D2



CDABFF



CC99D2



625E69



4400A8



100029

Inverse Universe

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



D299BB



FFABDD



9FD299



695E64



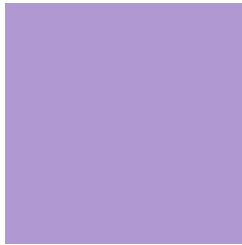
A80064



290018

Previews

White Background



This preview shows how the Hex color B099D2 looks on a white background.

Color Contrast Check

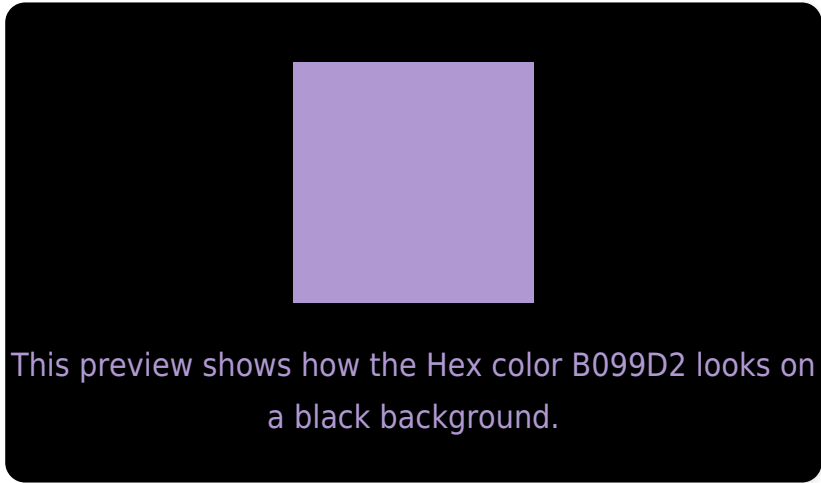
Large Text (above 18pt) WCAG AA × Fail

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

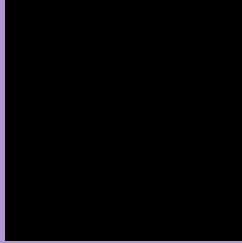
Any Text WCAG AA ✓ Pass

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 B099D2 Background



This preview shows how black text looks on a background with the Hex color B099D2.



This preview shows how white text looks on a background with the Hex color B099D2.

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](#).

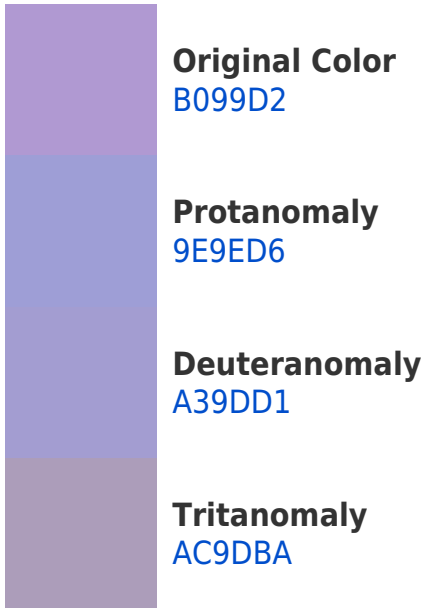
Dichromacy



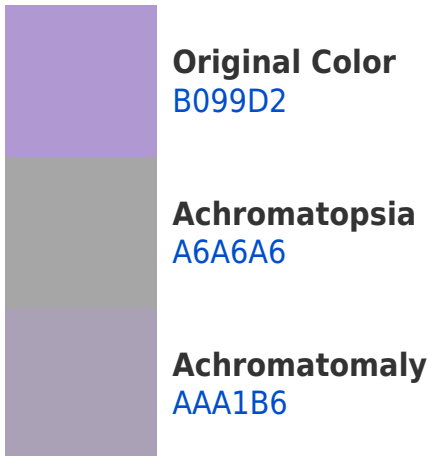


Tritanopia
AAA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B099D2 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 #B099D2 looks like.

```
.text, #text, p{  
    color:#B099D2  
}
```

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 #B099D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B099D2
}
```

Border

The CSS property to change the border of an element to Hex B099D2 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
#B099D2 }
```

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

```
.border{ border-color:#B099D2 }
```

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

Here you see how a box with a 4 pixel #B099D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B099D2; -webkit-box-shadow:4px 4px  
4px 4px #B099D2; box-shadow:4px 4px 4px  
4px #B099D2 }
```

Background

The CSS property to change the background color of an element to Hex B099D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B099D2 }
```

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

```
.background{ background-color:#B099D2 }
```

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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