

Converting Colors

Hex(B09CD8)

Have a look what the booklet for
Hex(B09CD8) contains.

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Color

Hex(B09CD8)

Conversions

Conversions Part 1

Format	Color
Hex	B09CD8
RGB	176, 156, 216
RGB Percent	69%, 61%, 85%
CMY	0.3098, 0.3882, 0.1529
CMYK	0.19, 0.28, 0.00, 0.15
HSL	260°, 43%, 73%
HSV	260°, 28%, 85%
XYZ	42.1876, 37.9649, 70.0702
YIQ	168.8200, -7.3400, 22.9000

Conversions

Conversions Part 2

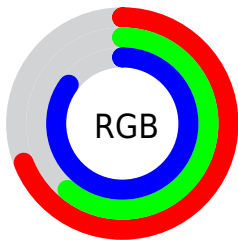
Format	Color
RYB	176, 156, 216
Decimal	11574488
CIELab	67.99, 19.36, -27.85
CIElCh	68, 33.919, 304.799
Yxy	37.9649, 0.2808, 0.2527
Android (android.graphics.Color)	4289764568 (0xFFB09CD8)
YUV	168.8200, 23.2597, 6.2969
Hunter-Lab	61.6157, 14.3897, -24.2944

Details

The Hex color **B09CD8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4D89C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E8D3FF**, and **7B69A1** is the 20% darker color. If you saturate the color by 10%, you get **A286D8**, and if you desaturate by 10%, it is **BEB2D8**.

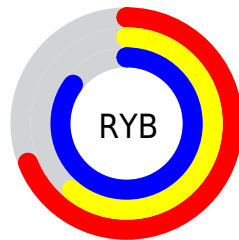
Distribution



Red (69%)

Green (61%)

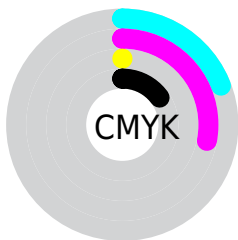
Blue (85%)



Red (69%)

Yellow (61%)

Blue (85%)

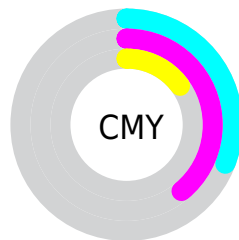


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (39%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B09CD8 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 B09CD8 by changing the saturation by 10% instead.

 B09CD8

 B09CD8

FFFFFF

 9582BC

 E8D3FF

 7B69A1

 FFEFFF

 615087

 48396D

 302455

 190F3D

 000027

 000110

 000000

 B09CD8

 B09CD8

 A286D8

 BEB2D8

 9371D8

 CDC7D8

 855BD8

 DBDDD8

 7646D8

 EAF2D8

 6830D8

 F8FFD8

 5A1AD8

 FFFFD8

 4B05D8

 4800D8

Harmonies

Analogous

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



83A7E2



B09CD8



D192C0

Triad

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



B09CD8



D09B6F



4AB6AA

Complementary

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



B09CD8



C4D89C

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.



70B48B



B09CD8



B6A568

Square

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



B09CD8



E09284



95AE72



35B5C8

Rectangle

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



B09CD8



DD8FAC



95AE72



57B69F

Sweetspot

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



B09CD8



F1EBFF



9CC4D8



777380



000000



808080

Same Dimension

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



B09CD8



C7ABFF



CE9CD8



64606B



3900AB



0E002B

Inverse Universe

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



D89CC4



FFABE3



A6D89C



6B6068



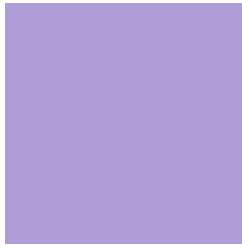
AB0072



2B001D

Previews

White Background



This preview shows how the Hex color B09CD8 looks on a white background.

Color Contrast Check

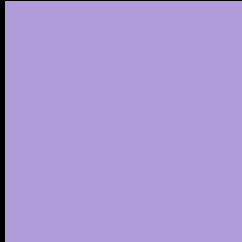
Large Text (above 18pt) WCAG AA × Fail

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 B09CD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

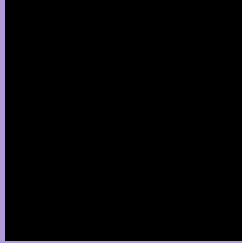
Any Text WCAG AA ✓ Pass

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 B09CD8 Background



This preview shows how black text looks on a background with the Hex color B09CD8.

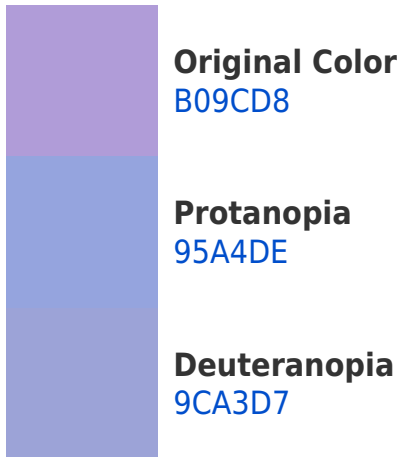


This preview shows how white text looks on a background with the Hex color B09CD8.

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](#).

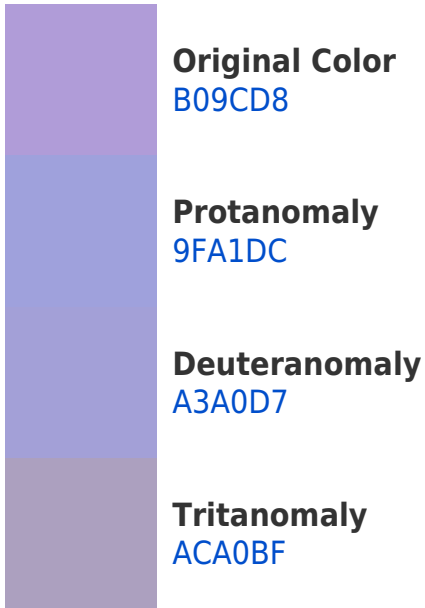
Dichromacy



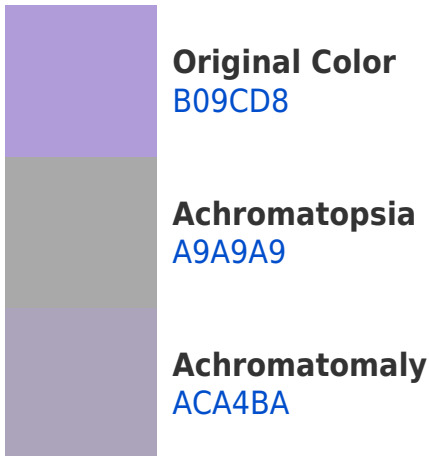


Tritanopia
A9A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B09CD8 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 #B09CD8 looks like.

```
.text, #text, p{  
    color:#B09CD8  
}
```

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 #B09CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B09CD8
}
```

Border

The CSS property to change the border of an element to Hex B09CD8 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
#B09CD8 }
```

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

```
.border{ border-color:#B09CD8 }
```

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

Here you see how a box with a 4 pixel #B09CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B09CD8; -webkit-box-shadow:4px 4px  
4px 4px #B09CD8; box-shadow:4px 4px 4px  
4px #B09CD8 }
```

Background

The CSS property to change the background color of an element to Hex B09CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B09CD8 }
```

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

```
.background{ background-color:#B09CD8 }
```

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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