

Converting Colors

Hex(B49DB9)

Have a look what the booklet for
Hex(B49DB9) contains.

Hex(B49DB9)	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(B49DB9)

Conversions

Conversions Part 1

Format	Color
Hex	B49DB9
RGB	180, 157, 185
RGB Percent	71%, 62%, 73%
CMY	0.2941, 0.3843, 0.2745
CMYK	0.03, 0.15, 0.00, 0.27
HSL	289°, 17%, 67%
HSV	289°, 15%, 73%
XYZ	39.6363, 37.3200, 51.0134
YIQ	167.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

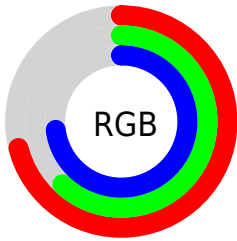
Format	Color
R_{YB}	180, 157, 185
Decimal	11836857
CIE _{Lab}	67.52, 13.57, -11.34
CIE _{LCh}	68, 17.686, 320.113
Yxy	37.3200, 0.3097, 0.2916
Android (android.graphics.Color)	4290026937 (0xFFB49DB9)
YUV	167.0690, 8.8400, 11.3405
Hunter-Lab	61.0901, 8.9062, -6.7471

Details

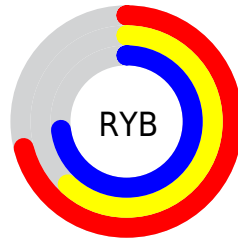
The Hex color **B49DB9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A2B99D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ECD4F1**, and **7F6A84** is the 20% darker color. If you saturate the color by 10%, you get **B18BB9**, and if you desaturate by 10%, it is **B7B0B9**.

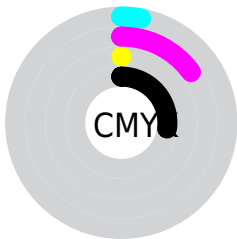
Distribution



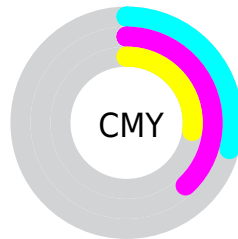
- Red (71%)
- Green (62%)
- Blue (73%)



- Red (71%)
- Yellow (62%)
- Blue (73%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B49DB9 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 B49DB9 by changing the saturation by 10% instead.

 B49DB9

 B49DB9

FFFFFF

 99839E

 ECD4F1

 7F6A84

 FFF0FF

 66516B

 4E3A52

 37243B

 211026

 000010

 000000

 B49DB9

 B49DB9

 B18BB9

 B7B0B9

 AD78B9

 BBC2B9

 AA66B9

 BED5B9

 A753B9

 C1E7B9

 A341B9

 C5FAB9

 A02EB9

 C8FFB9

 9D1CB9

 CBFFB9

 9A09B9

 CEFFB9

 9800B9

 D2FFB9

Harmonies

Analogous

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



A0A2C2



B49DB9



C19AAA

Triad

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



B49DB9



B6A285



7AAEAF

Complementary

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



B49DB9



A2B99D

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.



83AD9E



B49DB9



A5A786

Square

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



B49DB9



C29D8D



93AB90



7DACBC

Rectangle

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



B49DB9



C5999F



93AB90



7CAEA9

Sweetspot

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



B49DB9



EEE4F0



9DA2B9



777178



F7F7F7



787878

Same Dimension

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



B49DB9



E8C5F0



B99DB0



5A535C



80009C



17001C

Inverse Universe

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



B99DA2



F0C5CC



9DB9A6



5C5354



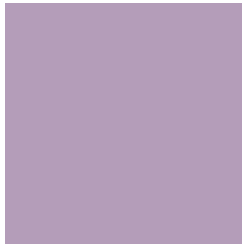
9C001C



1C0005

Previews

White Background



This preview shows how the Hex color B49DB9 looks on a white background.

Color Contrast Check

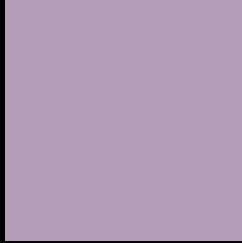
Large Text (above 18pt) WCAG AA × Fail

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 B49DB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

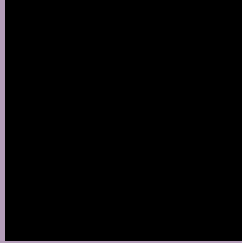
Any Text WCAG AA ✓ Pass

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 B49DB9 Background



This preview shows how black text looks on a background with the Hex color B49DB9.

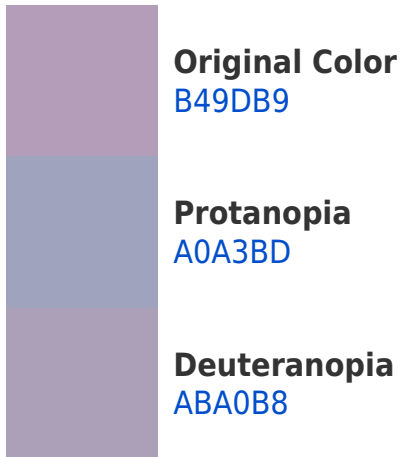


This preview shows how white text looks on a background with the Hex color B49DB9.

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
B49DB9

Protanomaly
A7A1BC

Deuteranomaly
AE9FB8

Tritanomaly
B39EB1

Monochromacy



Original Color
B49DB9

Achromatopsia
A7A7A7

Achromatomaly
ACA3AE

CSS Examples

Text

The CSS property to change the color of the text to Hex B49DB9 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 #B49DB9 looks like.

```
.text, #text, p{  
    color:#B49DB9  
}
```

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 #B49DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49DB9
}
```

Border

The CSS property to change the border of an element to Hex B49DB9 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
#B49DB9 }
```

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

```
.border{ border-color:#B49DB9 }
```

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

Here you see how a box with a 4 pixel #B49DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49DB9; -webkit-box-shadow:4px 4px  
4px 4px #B49DB9; box-shadow:4px 4px 4px  
4px #B49DB9 }
```

Background

The CSS property to change the background color of an element to Hex B49DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49DB9 }
```

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

```
.background{ background-color:#B49DB9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor