

Converting Colors

Hex(B829BD)

Have a look what the booklet for
Hex(B829BD) contains.

Hex(B829BD)	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(B829BD)

Conversions

Conversions Part 1

Format	Color
Hex	B829BD
RGB	184, 41, 189
RGB Percent	72%, 16%, 74%
CMY	0.2784, 0.8392, 0.2588
CMYK	0.03, 0.78, 0.00, 0.26
HSL	298°, 64%, 45%
HSV	298°, 78%, 74%
XYZ	29.7454, 15.4503, 49.5586
YIQ	100.6290, 37.7200, 76.3440

Conversions

Conversions Part 2

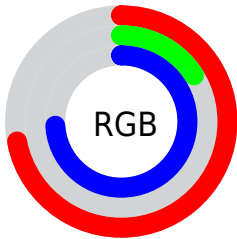
Format	Color
RYB	184, 41, 189
Decimal	12069309
CIELab	46.24, 71.17, -46.53
CIELCh	46, 85.028, 326.826
Yxy	15.4503, 0.3139, 0.1631
Android (android.graphics.Color)	4290259389 (0xFFB829BD)
YUV	100.6290, 43.5669, 73.1164
Hunter-Lab	39.3069, 66.2923, -47.2386

Details

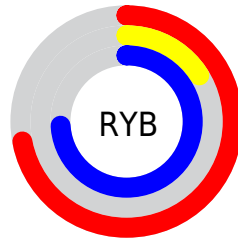
The Hex color **B829BD** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **2EBD29**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F368F6**, and **7F0087** is the 20% darker color. If you saturate the color by 10%, you get **B716BD**, and if you desaturate by 10%, it is **B93CBD**.

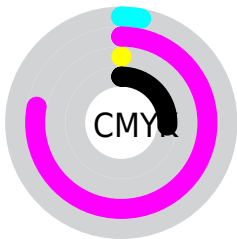
Distribution



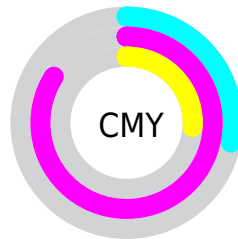
- Red (72%)
- Green (16%)
- Blue (74%)



- Red (72%)
- Yellow (16%)
- Blue (74%)



- Cyan (3%)
- Magenta (78%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (84%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B829BD 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 B829BD by changing the saturation by 10% instead.

 B829BD

 B829BD

FFFFFF

 9B00A2

 F368F6

 7F0087

 FF85FF

 62006D

 FFA2FF

 470054

 FFBFFF

 2D003C

 FFDCFF

 020025

 FFFAFF

 00010D

 000000

 B829BD

 B829BD

 B716BD

 B93CBD

 B703BD

 B94FBD

 B700BD

 BA62BD

 BB75BD

 BB87BD

 BC9ABD

 BCADBBD

 BDC0BD

 BED3BD

Harmonies

Analogous

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



435EEF



B829BD



E10078

Triad

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



B829BD



8C6900



008AAD

Complementary

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



B829BD



2EBD29

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.



008964



B829BD



467C00

Square

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



B829BD



C04500



00850D



0087E6

Rectangle

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



B829BD



E4004A



00850D



008A95

Sweetspot

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



B829BD



F3BCF5



2930BD



79587A



FAFAFA



7A7A7A

Same Dimension

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



B829BD



ED0FF5



BD297A



5E555E



99009E



1E001F

Inverse Universe

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



BD292E



F50F16



29BD6C



5E5555



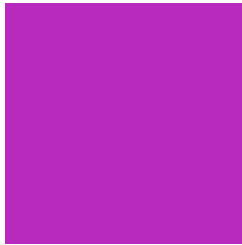
9E0005



1F0001

Previews

White Background



This preview shows how the Hex color B829BD looks on a white background.

Color Contrast Check

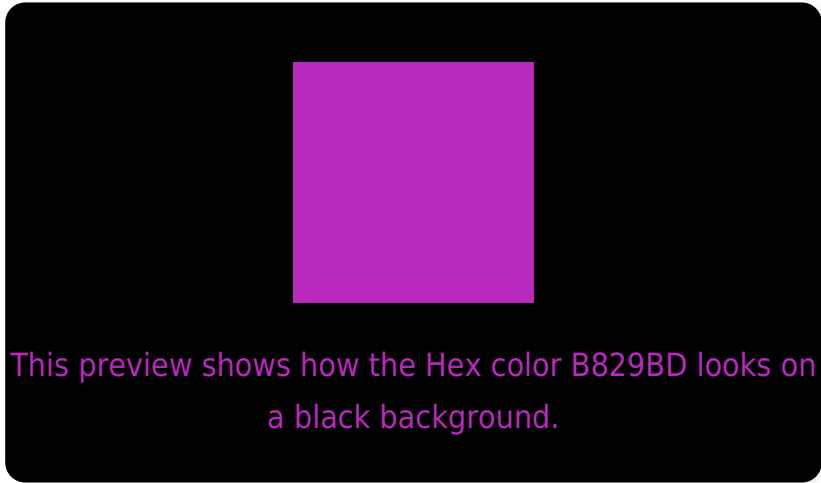
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

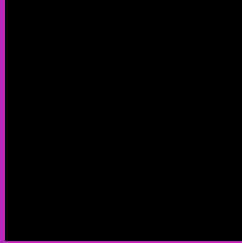
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B829BD Background



This preview shows how black text looks on a background with the Hex color B829BD.

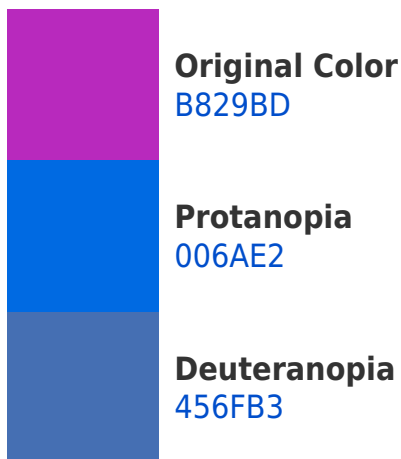


This preview shows how white text looks on a background with the Hex color B829BD.

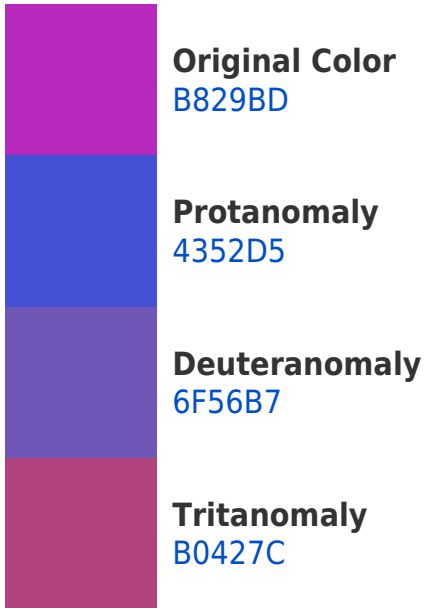
Color Blindness Simulation

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](#).

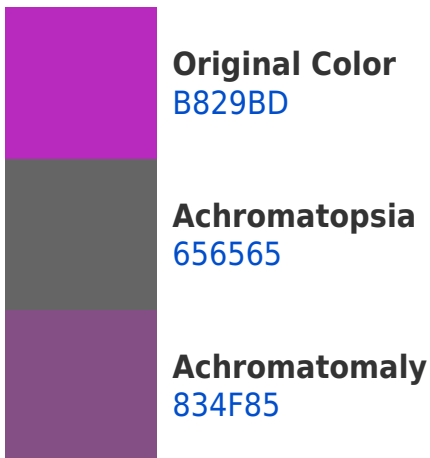
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B829BD 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 #B829BD looks like.

```
.text, #text, p{  
    color:#B829BD  
}
```

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 #B829BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B829BD
}
```

Border

The CSS property to change the border of an element to Hex B829BD 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
#B829BD }
```

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

```
.border{ border-color:#B829BD }
```

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

Here you see how a box with a 4 pixel #B829BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B829BD; -webkit-box-shadow:4px 4px  
4px 4px #B829BD; box-shadow:4px 4px 4px  
4px #B829BD }
```

Background

The CSS property to change the background color of an element to Hex B829BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B829BD }
```

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

```
.background{ background-color:#B829BD }
```

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