

# Converting Colors

Hex(B259BD)

Have a look what the booklet for  
Hex(B259BD) contains.

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# Color

Hex(**B259BD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B259BD
RGB	178, 89, 189
RGB Percent	70%, 35%, 74%
CMY	0.3020, 0.6510, 0.2588
CMYK	0.06, 0.53, 0.00, 0.26
HSL	293°, 43%, 55%
HSV	293°, 53%, 74%
XYZ	31.1178, 20.2839, 50.4192
YIQ	127.0110, 20.9440, 49.9680

# Conversions

## Conversions Part 2

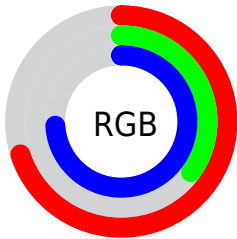
Format	Color
R <sub>Y</sub> B	178, 89, 189
Decimal	11688381
CIE Lab	52.16, 50.83, -37.22
CIE LCh	52, 63.000, 323.788
Yxy	20.2839, 0.3056, 0.1992
Android (android.graphics.Color)	4289878461 (0xFFB259BD)
YUV	127.0110, 30.5606, 44.7174
Hunter-Lab	45.0376, 44.5150, -34.8483

# Details

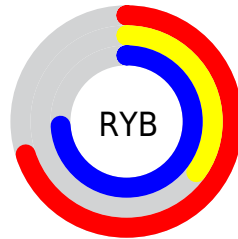
The Hex color **B259BD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64BD59**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EC8EF6**, and **7B2387** is the 20% darker color. If you saturate the color by 10%, you get **B046BD**, and if you desaturate by 10%, it is **B46CBD**.

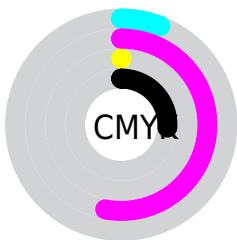
# Distribution



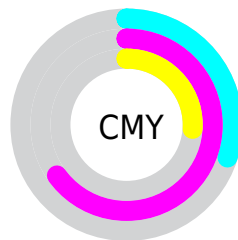
- Red (70%)
- Green (35%)
- Blue (74%)



- Red (70%)
- Yellow (35%)
- Blue (74%)



- Cyan (6%)
- Magenta (53%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (65%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B259BD 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 B259BD by changing the saturation by 10% instead.



 B259BD

 B259BD

FFFFFF

 963FA2

 EC8EF6

 7B2387

 FFAAFF

 60006D

 FFC6FF

 460055

 FFE3FF

 2E003D

 0E0026

 00010F

 000000

 B259BD

 B259BD

 B046BD

 B46CBD

 AE33BD

 B67FBD

 AC20BD

 B892BD

 AA0DBD

 BAA5BD

 A800BD

 BCB8BD

 BECABD

 C1DDBD

 C3F0BD

 C5FFBD

# Harmonies

## Analogous

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



6373E0



B259BD



D6448A

# Triad

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



B259BD



9F7600



0095A7

# Complementary

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



B259BD



64BD59

# 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.



00946F



B259BD



6C8600

# Square

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



B259BD



C65F23



139038



0091D3

# Rectangle

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



B259BD



DC4466



139038



009595



# Sweetspot

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



B259BD



F0CEF5



5965BD



78637A



F0FAFA



7A7A7A



# Same Dimension

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



B259BD



E45BF5



BD5997



5D555E



8D009E



1B001F



# Inverse Universe

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



BD5964



F55B6C



59BD7F



5E5556



9E0011



1F0003



# Previews

## White Background



This preview shows how the Hex color B259BD 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

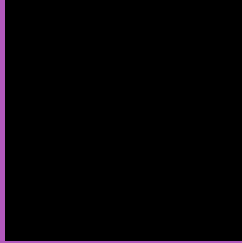
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B259BD Background



This preview shows how black text looks on a background with the Hex color B259BD.

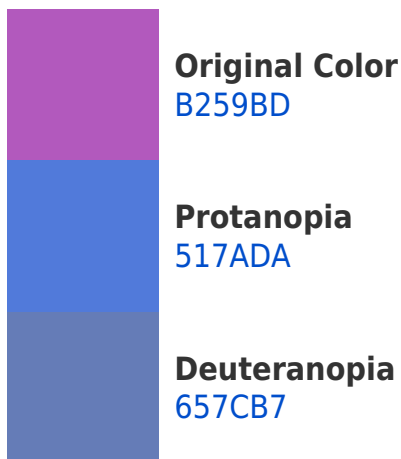



This preview shows how white text looks on a background with the Hex color B259BD.

# 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](#).

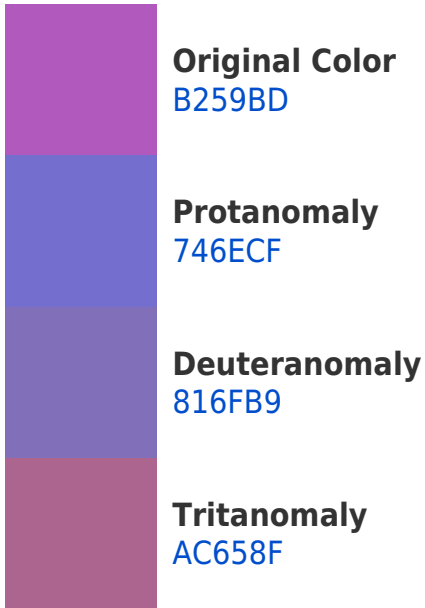
## Dichromacy



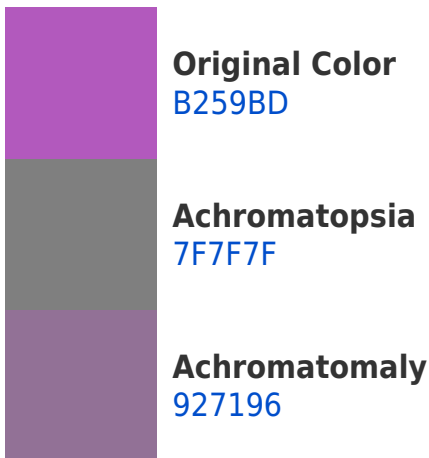


**Tritanopia**  
A86C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B259BD 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 #B259BD looks like.

```
.text, #text, p{  
    color:#B259BD  
}
```

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 #B259BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B259BD
}
```

## Border

The CSS property to change the border of an element to Hex B259BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

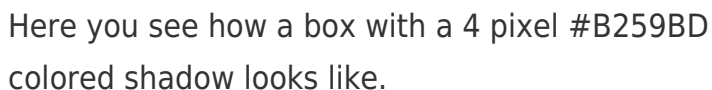
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B259BD }
```

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

```
.border{ border-color:#B259BD }
```

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



Here you see how a box with a 4 pixel #B259BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B259BD; -webkit-box-shadow:4px 4px  
4px 4px #B259BD; box-shadow:4px 4px 4px  
4px #B259BD }
```

# Background

The CSS property to change the background color of an element to Hex B259BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B259BD }
```

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

```
.background{ background-color:#B259BD }
```

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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