

Converting Colors

Hex(B316BD)

Have a look what the booklet for
Hex(B316BD) contains.

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Color

Hex(B316BD)

Conversions

Conversions Part 1

Format	Color
Hex	B316BD
RGB	179, 22, 189
RGB Percent	70%, 9%, 74%
CMY	0.2980, 0.9137, 0.2588
CMYK	0.05, 0.88, 0.00, 0.26
HSL	296°, 79%, 41%
HSV	296°, 88%, 74%
XYZ	28.0626, 13.8316, 49.3348
YIQ	87.9810, 39.9650, 85.2210

Conversions

Conversions Part 2

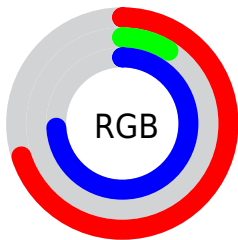
Format	Color
RYB	179, 22, 189
Decimal	11736765
CIELab	43.99, 74.36, -50.18
CIElCh	44, 89.709, 325.987
Yxy	13.8316, 0.3076, 0.1516
Android (android.graphics.Color)	4289926845 (0xFFB316BD)
YUV	87.9810, 49.8024, 79.8237
Hunter-Lab	37.1909, 69.6041, -52.6162

Details

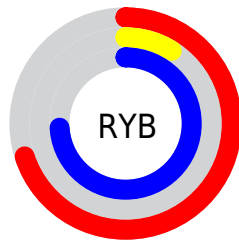
The Hex color **B316BD** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **20BD16**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EE5DF6**, and **790087** is the 20% darker color. If you saturate the color by 10%, you get **B203BD**, and if you desaturate by 10%, it is **B429BD**.

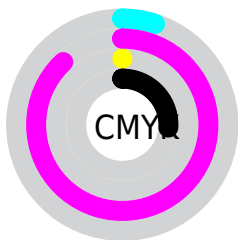
Distribution



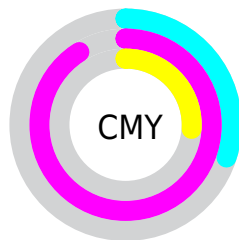
- Red (70%)
- Green (9%)
- Blue (74%)



- Red (70%)
- Yellow (9%)
- Blue (74%)



- Cyan (5%)
- Magenta (88%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (91%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B316BD 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 B316BD by changing the saturation by 10% instead.

 B316BD

 B316BD

FFFFFF

 9600A1

 EE5DF6

 790087

 FF7BFF

 5D006D

 FF98FF

 420054

 FFB5FF

 26003C

 FFD2FF

 000025

 FFF0FF

 00010D

 000000

 B316BD

 B316BD

 B203BD

 B429BD

 B200BD

 B53CBD

 B64FBD

 B862BD

 B975BD

 BA87BD

 BB9ABD

 BCADBBD

 BDC0BD

Harmonies

Analogous

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



2159F1



B316BD



DF0076

Triad

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



B316BD



886200



0085A8

Complementary

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



B316BD



20BD16

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.



00845B



B316BD



3D7600

Square

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



B316BD



BE3A00



008000



0082E5

Rectangle

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



B316BD



E30045



008000



00858F

Sweetspot

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



B316BD



F1B3F5



1621BD



78537A



FAFAFA



7A7A7A

Same Dimension

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



B316BD



E600F5



BD1675



5E555E



95009E



1D001F

Inverse Universe

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



BD1620



F5000F



16BD5E



5E5555



9E0009



1F0002

Previews

White Background



This preview shows how the Hex color B316BD looks on a white background.

Color Contrast Check

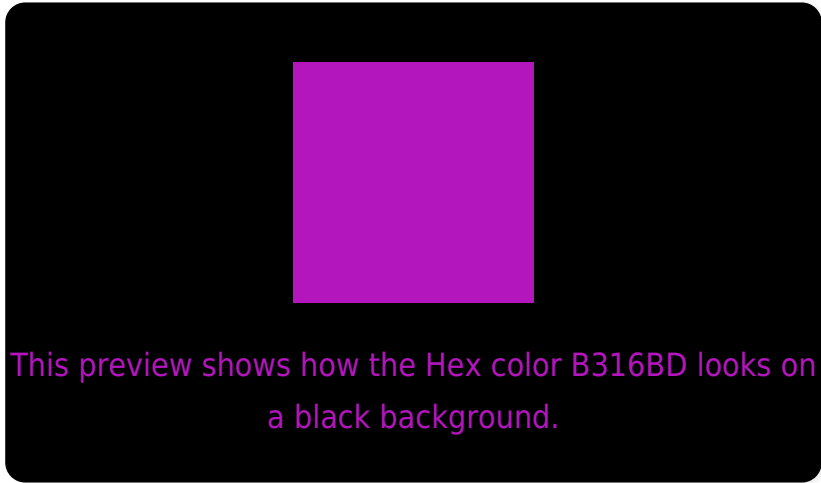
Large Text (above 18pt) WCAG AA ✓ Pass

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

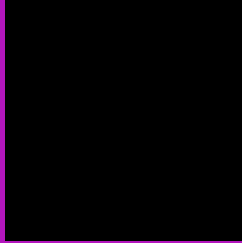
Any Text WCAG AA × Fail

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 B316BD Background



This preview shows how black text looks on a background with the Hex color B316BD.

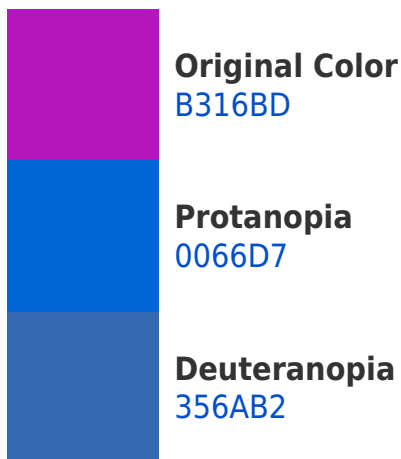


This preview shows how white text looks on a background with the Hex color B316BD.

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](#).

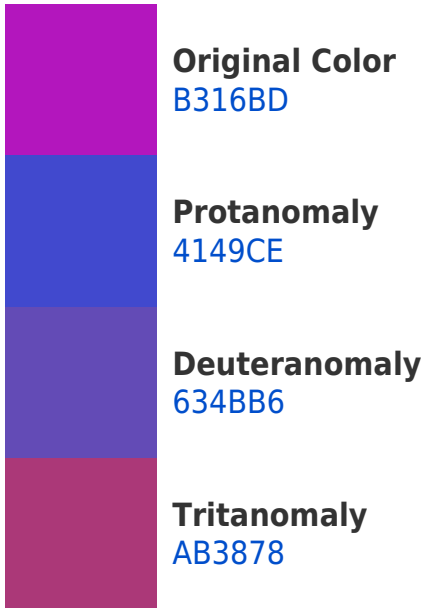
Dichromacy



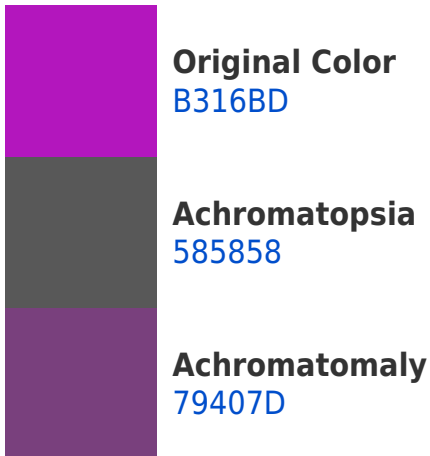


Tritanopia
A64C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B316BD 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 #B316BD looks like.

```
.text, #text, p{  
    color:#B316BD  
}
```

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 #B316BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B316BD
}
```

Border

The CSS property to change the border of an element to Hex B316BD 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".

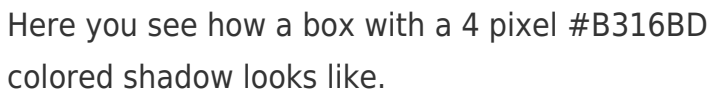
```
.border, #border, table{ border:4px solid
#B316BD }
```

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

```
.border{ border-color:#B316BD }
```

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

Here you see how a box with a 4 pixel #B316BD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B316BD; -webkit-box-shadow:4px 4px  
4px 4px #B316BD; box-shadow:4px 4px 4px  
4px #B316BD }
```

Background

The CSS property to change the background color of an element to Hex B316BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B316BD }
```

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

```
.background{ background-color:#B316BD }
```

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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