

Converting Colors

Hex(B316E9)

Have a look what the booklet for
Hex(B316E9) contains.

Hex(B316E9)	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>	28

Color

Hex(B316E9)

Conversions

Conversions Part 1

Format	Color
Hex	B316E9
RGB	179, 22, 233
RGB Percent	70%, 9%, 91%
CMY	0.2980, 0.9137, 0.0863
CMYK	0.23, 0.91, 0.00, 0.09
HSL	285°, 83%, 50%
HSV	285°, 91%, 91%
XYZ	33.5853, 16.0407, 78.4168
YIQ	92.9970, 25.8410, 98.9050

Conversions

Conversions Part 2

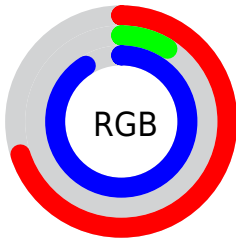
Format	Color
RYB	179, 22, 233
Decimal	11736809
CIELab	47.03, 81.82, -70.60
CIElCh	47, 108.068, 319.207
Yxy	16.0407, 0.2623, 0.1253
Android (android.graphics.Color)	4289926889 (0xFFB316E9)
YUV	92.9970, 69.0215, 75.4246
Hunter-Lab	40.0509, 79.5950, -88.0501

Details

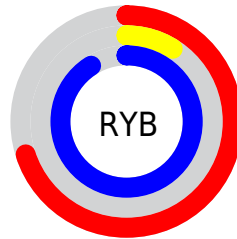
The Hex color **B316E9** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **4CE916**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F060FF**, and **7700B0** is the 20% darker color. If you saturate the color by 10%, you get **AD00E9**, and if you desaturate by 10%, it is **B92DE9**.

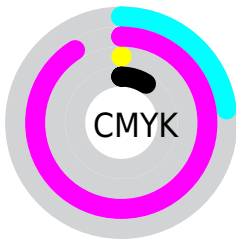
Distribution



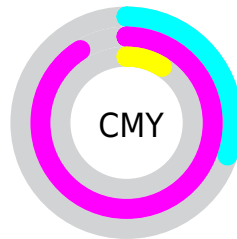
- Red (70%)
- Green (9%)
- Blue (91%)



- Red (70%)
- Yellow (9%)
- Blue (91%)



- Cyan (23%)
- Magenta (91%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B316E9 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 B316E9 by changing the saturation by 10% instead.

 B316E9

 B316E9

FFFFFF

 9500CC

 F060FF

 7700B0

 FF7EFF

 5A0095

 FF9BFF

 3B007A

 FFB9FF

 190060

 FFD6FF

 000047

 FFF5FF

 00042F

 00011A

 000000

 B316E9

 B316E9

 AD00E9

 B92DE9

 BF45E9

 C55CE9

 CB73E9

 D18BE9

 D7A2E9

 DDB9E9

 E3D0E9

 E9E8E9

Harmonies

Analogous

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



0069FF



B316E9



F80094

Triad

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



B316E9



A36000



0091AA

Complementary

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



B316E9



4CE916

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.



008E4A



B316E9



4F7D00

Square

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



B316E9



DF1100



008900



0090FB

Rectangle

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



B316E9



FF0059



008900



00908B

Sweetspot

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



B316E9



EDBAFF



164EE9



755780



000000



808080

Same Dimension

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



B316E9



BE00FF



E916B8



726A75



8700B5



280036

Inverse Universe

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



E9164C



FF0041



16E947



756A6D



B5002E



36000E

Previews

White Background



This preview shows how the Hex color B316E9 looks on a white background.

Color Contrast Check

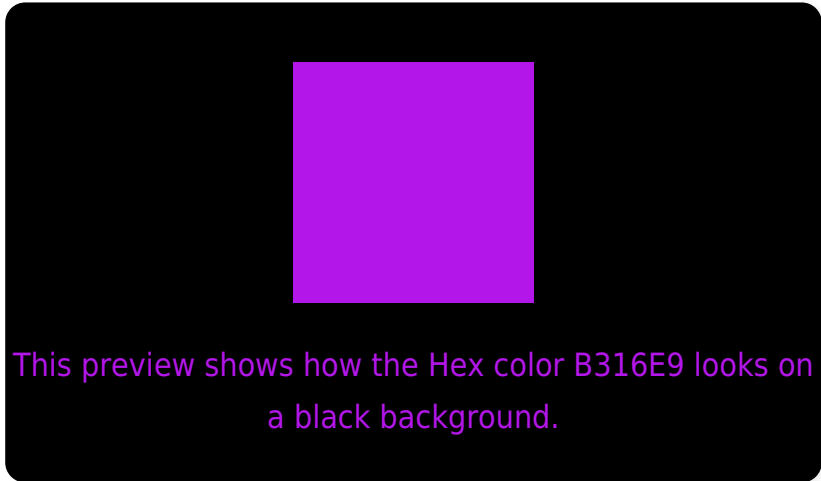
Large Text (above 18pt) WCAG AA ✓ Pass

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

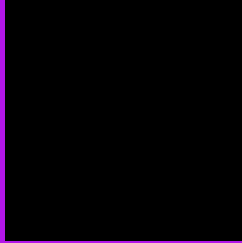
Any Text WCAG AA × Fail

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 B316E9 Background



This preview shows how black text looks on a background with the Hex color B316E9.

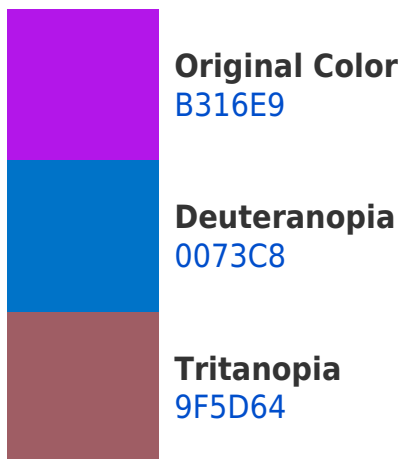


This preview shows how white text looks on a background with the Hex color B316E9.

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
B316E9



Deuteranomaly
4151D4

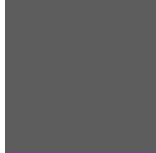


Tritanomaly
A64394

Monochromacy



Original Color
B316E9



Achromatopsia
5D5D5D



Achromatomaly
7C4390

CSS Examples

Text

The CSS property to change the color of the text to Hex B316E9 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 #B316E9 looks like.

```
.text, #text, p{  
    color:#B316E9  
}
```

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 #B316E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B316E9
}
```

Border

The CSS property to change the border of an element to Hex B316E9 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
#B316E9 }
```

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

```
.border{ border-color:#B316E9 }
```

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

Here you see how a box with a 4 pixel #B316E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B316E9; -webkit-box-shadow:4px 4px  
4px 4px #B316E9; box-shadow:4px 4px 4px  
4px #B316E9 }
```

Background

The CSS property to change the background color of an element to Hex B316E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B316E9 }
```

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

```
.background{ background-color:#B316E9 }
```

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