

Converting Colors

Hex(B310C4)

Have a look what the booklet for
Hex(B310C4) contains.

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Color

Hex(B310C4)

Conversions

Conversions Part 1

Format	Color
Hex	B310C4
RGB	179, 16, 196
RGB Percent	70%, 6%, 77%
CMY	0.2980, 0.9373, 0.2314
CMYK	0.09, 0.92, 0.00, 0.23
HSL	294°, 85%, 42%
HSV	294°, 92%, 77%
XYZ	28.7395, 13.9398, 53.4005
YIQ	85.2570, 39.3680, 90.5360

Conversions

Conversions Part 2

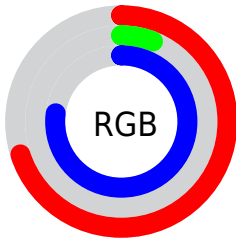
Format	Color
R_{YB}	179, 16, 196
Decimal	11735236
CIE _{Lab}	44.15, 76.34, -54.02
CIE _{LCh}	44, 93.524, 324.717
Yxy	13.9398, 0.2991, 0.1451
Android (android.graphics.Color)	4289925316 (0xFFB310C4)
YUV	85.2570, 54.5963, 82.2126
Hunter-Lab	37.3361, 72.0626, -58.6652

Details

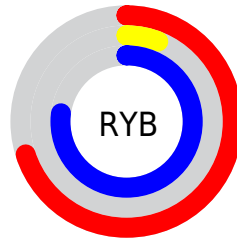
The Hex color **B310C4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **21C410**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EF5CFD**, and **79008D** is the 20% darker color. If you saturate the color by 10%, you get **B100C4**, and if you desaturate by 10%, it is **B524C4**.

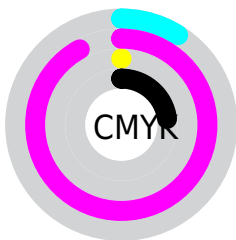
Distribution



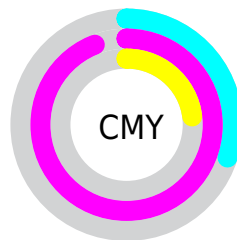
- Red (70%)
- Green (6%)
- Blue (77%)



- Red (70%)
- Yellow (6%)
- Blue (77%)



- Cyan (9%)
- Magenta (92%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (94%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B310C4 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 B310C4 by changing the saturation by 10% instead.

 B310C4

 B310C4

FFFFFF

 9600A8

 EF5CFD

 79008D

 FF79FF

 5D0073

 FF96FF

 41005A

 FFB4FF

 240041

 FFD1FF

 00002A

 FFEFFF

 000114

 000000

 B310C4

 B310C4

 B100C4

 B524C4

 B737C4

 B94BC4

 BA5EC4

 BC72C4

 BE86C4

 C099C4

 C2ADC4

 C4C0C4

Harmonies

Analogous

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



005BF9



B310C4



E3007A

Triad

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



B310C4



8B6100



0086A8

Complementary

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



B310C4



21C410

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.



008458



B310C4



3E7700

Square

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



B310C4



C33500



008000



0084E9

Rectangle

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



B310C4



E80047



008000



00868E

Sweetspot

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



B310C4



F8B8FF



1022C4



7B5480



000000



808080

Same Dimension

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



B310C4



E700FF



C4107C



605761



9100A1



1E0021

Inverse Universe

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



C41021



FF0018



10C458



615758



A1000F



210003

Previews

White Background



This preview shows how the Hex color B310C4 looks on a white background.

Color Contrast Check

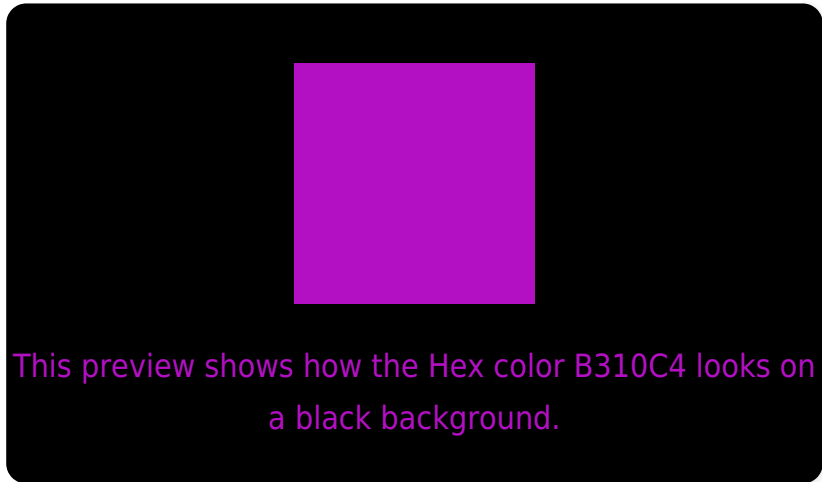
Large Text (above 18pt) WCAG AA ✓ Pass

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

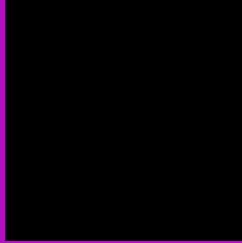
Any Text WCAG AA × Fail

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 B310C4 Background



This preview shows how black text looks on a background with the Hex color B310C4.

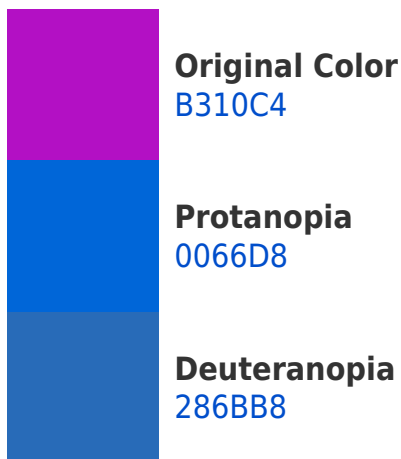



This preview shows how white text looks on a background with the Hex color B310C4.

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
A54E53

Trichromacy



Original Color
B310C4



Protanomaly
4147D1



Deuteranomaly
5B4ABC



Tritanomaly
AA377C

Monochromacy



Original Color
B310C4



Achromatopsia
555555



Achromatomaly
773C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex B310C4 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 #B310C4 looks like.

```
.text, #text, p{  
    color:#B310C4  
}
```

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 #B310C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B310C4
}
```

Border

The CSS property to change the border of an element to Hex B310C4 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".

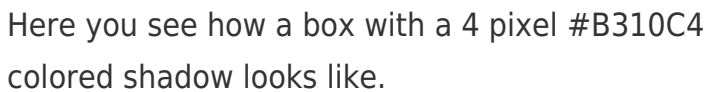
```
.border, #border, table{ border:4px solid
#B310C4 }
```

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

```
.border{ border-color:#B310C4 }
```

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

Here you see how a box with a 4 pixel #B310C4 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 #B310C4; -webkit-box-shadow:4px 4px  
4px 4px #B310C4; box-shadow:4px 4px 4px  
4px #B310C4 }
```

Background

The CSS property to change the background color of an element to Hex B310C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B310C4 }
```

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

```
.background{ background-color:#B310C4 }
```

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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