

Converting Colors

Hex(B31BB3)

Have a look what the booklet for
Hex(B31BB3) contains.

Hex(B31BB3)	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(B31BB3)

Conversions

Conversions Part 1

Format	Color
Hex	B31BB3
RGB	179, 27, 179
RGB Percent	70%, 11%, 70%
CMY	0.2980, 0.8941, 0.2980
CMYK	0.00, 0.85, 0.00, 0.30
HSL	300°, 74%, 40%
HSV	300°, 85%, 70%
XYZ	27.1190, 13.6222, 43.8478
YIQ	89.7760, 41.8000, 79.4960

Conversions

Conversions Part 2

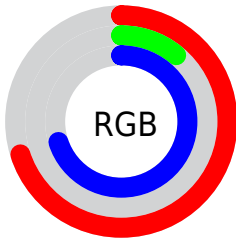
Format	Color
R _Y B	179, 27, 179
Decimal	11738035
CIE Lab	43.69, 71.90, -44.79
CIE LCh	44, 84.706, 328.081
Yxy	13.6222, 0.3206, 0.1610
Android (android.graphics.Color)	4289928115 (0xFFB31BB3)
YUV	89.7760, 43.9874, 78.2494
Hunter-Lab	36.9083, 66.5664, -44.6019

Details

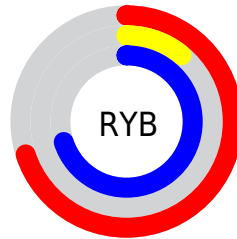
The Hex color **B31BB3** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **1BB31B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EE5FEB**, and **7A007D** is the 20% darker color. If you saturate the color by 10%, you get **B309B3**, and if you desaturate by 10%, it is **B32DB3**.

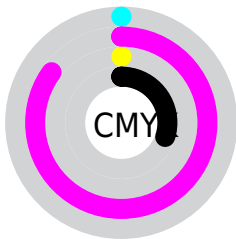
Distribution



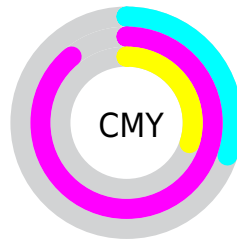
- Red (70%)
- Green (11%)
- Blue (70%)



- Red (70%)
- Yellow (11%)
- Blue (70%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (89%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31BB3 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 B31BB3 by changing the saturation by 10% instead.

 B31BB3

 B31BB3

FFFFFF

 960098

 EE5FEB

 7A007D

 FF7CFF

 5E0064

 FF99FF

 43004B

 FFB6FF

 270034

 FFD3FF

 00001D

 FFF1FF

 000000

 B31BB3

 B31BB3

 B309B3

 B32DB3

 B300B3

 B33FB3

 B351B3

 B363B3

 B374B3

 B386B3

 B398B3

 B3AAB3

 B3BCB3

Harmonies

Analogous

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



4356E6



B31BB3



D9006F

Triad

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



B31BB3



826300



0083A8

Complementary

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



B31BB3



1BB31B

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.



008261



B31BB3



3B7600

Square

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



B31BB3



B64100



007E0A



0080E0

Rectangle

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



B31BB3



DB0041



007E0A



008391

Sweetspot

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



B31BB3



E8AEE8



1B1BB3



755275



F5F5F5



757575

Same Dimension

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



B31BB3



E800E8



B31B67



595059



990099



1A001A

Inverse Universe

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



B31BB3



E800E8



1BB367



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color B31BB3 looks on a white background.

Color Contrast Check

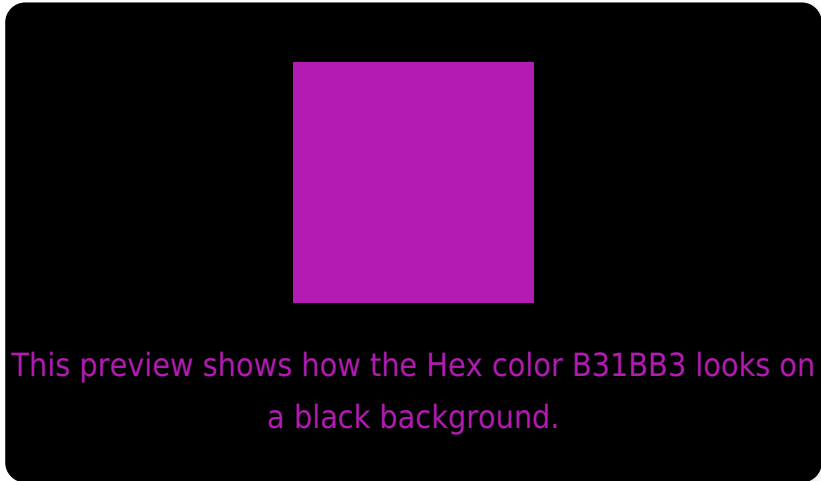
Large Text (above 18pt) WCAG AA ✓ Pass

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

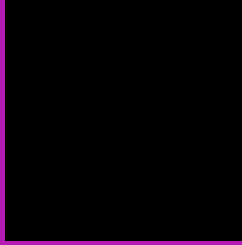
Any Text WCAG AA × Fail

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 B31BB3 Background



This preview shows how black text looks on a background with the Hex color B31BB3.

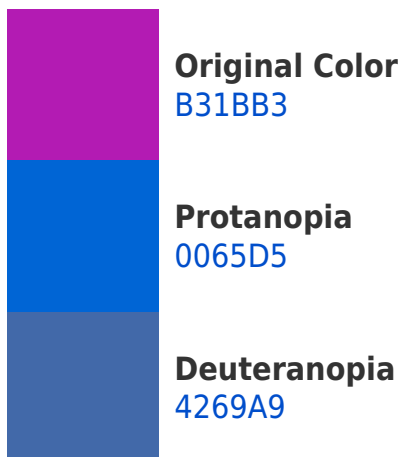


This preview shows how white text looks on a background with the Hex color B31BB3.

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
A8494E

Trichromacy



Original Color
B31BB3



Protanomaly
414AC9



Deuteranomaly
6B4DAD



Tritanomaly
AC3873

Monochromacy



Original Color
B31BB3



Achromatopsia
5A5A5A



Achromatomaly
7A437A

CSS Examples

Text

The CSS property to change the color of the text to Hex B31BB3 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 #B31BB3 looks like.

```
.text, #text, p{  
    color:#B31BB3  
}
```

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 #B31BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31BB3
}
```

Border

The CSS property to change the border of an element to Hex B31BB3 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
#B31BB3 }
```

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

```
.border{ border-color:#B31BB3 }
```

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

Here you see how a box with a 4 pixel #B31BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31BB3; -webkit-box-shadow:4px 4px  
4px 4px #B31BB3; box-shadow:4px 4px 4px  
4px #B31BB3 }
```

Background

The CSS property to change the background color of an element to Hex B31BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31BB3 }
```

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

```
.background{ background-color:#B31BB3 }
```

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