

# Converting Colors

Hex(B321B3)

Have a look what the booklet for  
Hex(B321B3) contains.

<b>Hex(B321B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B321B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B321B3
RGB	179, 33, 179
RGB Percent	70%, 13%, 70%
CMY	0.2980, 0.8706, 0.2980
CMYK	0.00, 0.82, 0.00, 0.30
HSL	300°, 69%, 42%
HSV	300°, 82%, 70%
XYZ	27.2709, 13.9261, 43.8985
YIQ	93.2980, 40.1500, 76.3580

# Conversions

## Conversions Part 2

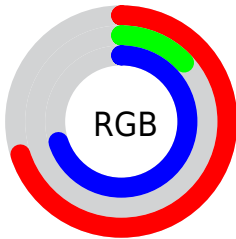
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 33, 179
Decimal	11739571
CIE <sub>Lab</sub>	44.13, 70.61, -44.08
CIE <sub>LCh</sub>	44, 83.243, 328.024
Yxy	13.9261, 0.3205, 0.1637
Android (android.graphics.Color)	4289929651 (0xFFB321B3)
YUV	93.2980, 42.2511, 75.1607
Hunter-Lab	37.3177, 65.1380, -43.6232

# Details

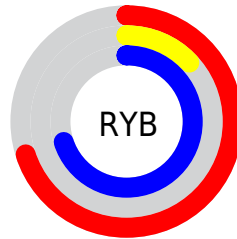
The Hex color **B321B3** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **21B321**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **EE62EB**, and **7A007D** is the 20% darker color. If you saturate the color by 10%, you get **B30FB3**, and if you desaturate by 10%, it is **B333B3**.

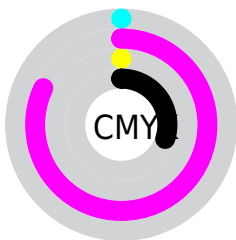
# Distribution



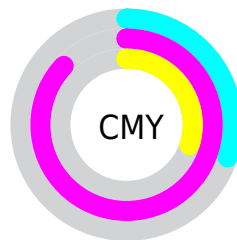
- Red (70%)
- Green (13%)
- Blue (70%)



- Red (70%)
- Yellow (13%)
- Blue (70%)



- Cyan (0%)
- Magenta (82%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (87%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B321B3 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 B321B3 by changing the saturation by 10% instead.



 B321B3

 B321B3

FFFFFF

 960098

 EE62EB

 7A007D

 FF7FFF

 5E0064

 FF9CFF

 43004B

 FFB9FF

 280034

 FFD6FF

 00001D

 FFF4FF

 000000

 B321B3

 B321B3

 B30FB3

 B333B3

 B300B3

 B345B3

 B357B3

 B369B3

 B37BB3

 B38CB3

 B39EB3

 B3B0B3

 B3C2B3

# Harmonies

## Analogous

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



4758E5



B321B3



D90070

# Triad

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



B321B3



846400



0084A8

# Complementary

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



B321B3



21B321

# 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.



008362



B321B3



3E7600

# Square

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



B321B3



B74300



007F0F



0081DF

# Rectangle

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



B321B3



DB0043



007F0F



008492



# Sweetspot

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



B321B3



E8B0E8



2121B3



755375



F5F5F5



757575



# Same Dimension

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



B321B3



E805E8



B3216A



595059



990099



1A001A



# Inverse Universe

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



B321B3



E805E8



21B36A



595059



990099



1A001A



# Previews

## White Background



This preview shows how the Hex color B321B3 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

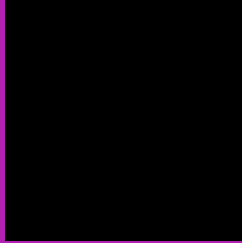
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B321B3 Background



This preview shows how black text looks on a background with the Hex color B321B3.

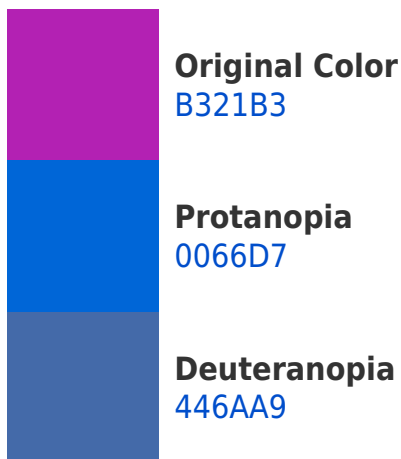


This preview shows how white text looks on a background with the Hex color B321B3.

# 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**  
A84B50

# Trichromacy



**Original Color**  
B321B3



**Protanomaly**  
414DCA



**Deuteranomaly**  
6C4FAD



**Tritanomaly**  
AC3C74

# Monochromacy



**Original Color**  
B321B3



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
7C477C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B321B3 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 #B321B3 looks like.

```
.text, #text, p{  
    color:#B321B3  
}
```

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 #B321B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B321B3
}
```

## Border

The CSS property to change the border of an element to Hex B321B3 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
#B321B3 }
```

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

```
.border{ border-color:#B321B3 }
```

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

Here you see how a box with a 4 pixel #B321B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B321B3; -webkit-box-shadow:4px 4px  
4px 4px #B321B3; box-shadow:4px 4px 4px  
4px #B321B3 }
```

# Background

The CSS property to change the background color of an element to Hex B321B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B321B3 }
```

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

```
.background{ background-color:#B321B3 }
```

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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