

Converting Colors

Hex(B37BC0)

Have a look what the booklet for
Hex(B37BC0) contains.

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Color

Hex(**B37BC0**)

Conversions

Conversions Part 1

Format	Color
Hex	B37BC0
RGB	179, 123, 192
RGB Percent	70%, 48%, 75%
CMY	0.2980, 0.5176, 0.2471
CMYK	0.07, 0.36, 0.00, 0.25
HSL	289°, 35%, 62%
HSV	289°, 36%, 75%
XYZ	35.1878, 27.5554, 53.3333
YIQ	147.6100, 11.2270, 33.3310

Conversions

Conversions Part 2

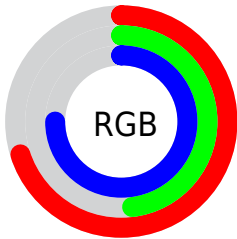
Format	Color
R_{YB}	179, 123, 192
Decimal	11762624
CIE _{Lab}	59.48, 33.66, -27.51
CIE _{LCh}	59, 43.468, 320.739
Yxy	27.5554, 0.3031, 0.2374
Android (android.graphics.Color)	4289952704 (0xFFB37BC0)
YUV	147.6100, 21.8843, 27.5290
Hunter-Lab	52.4932, 27.7908, -23.4936

Details

The Hex color **B37BC0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **88C07B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ECB0F9**, and **7D498A** is the 20% darker color. If you saturate the color by 10%, you get **AF68C0**, and if you desaturate by 10%, it is **B78EC0**.

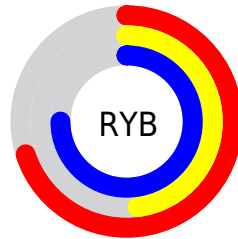
Distribution



Red (70%)

Green (48%)

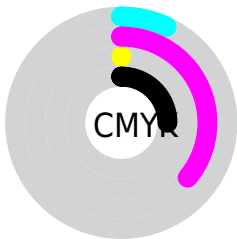
Blue (75%)



Red (70%)

Yellow (48%)

Blue (75%)

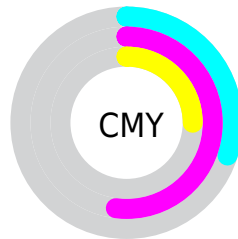


Cyan (7%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37BC0 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 B37BC0 by changing the saturation by 10% instead.

 B37BC0

 B37BC0

FFFFFF

 9861A5

 ECB0F9

 7D498A

 FFCCFF

 633171

 FFE9FF

 4A1958

 320140

 1F002A

 000114

 000000

 B37BC0

 B37BC0

 AF68C0

 B78EC0

 AC55C0

 BAA1C0

 A841C0

 BEB5C0

 A52EC0

 C1C8C0

 A11BC0

 C5DBC0

 9D08C0

 C9EEC0

 9C00C0

 CCFFC0

 D0FFC0

 D4FFC0

Harmonies

Analogous

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



7F8AD7



B37BC0



D0709D

Triad

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



B37BC0



B08942



00A3A9

Complementary

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



B37BC0



88C07B

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.



10A282



B37BC0



8C9545

Square

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



B37BC0



CB7B55



5F9E5D



009FC9

Rectangle

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



B37BC0



D76F83



5F9E5D



00A39C

Sweetspot

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



B37BC0



F5DEFA



7B89C0



7A6D7D



FCFCFC



7D7D7D

Same Dimension

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



B37BC0



E68EFA



C07BAB



5F5761



8200A1



1B0021

Inverse Universe

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



C07B88



FA8EA3



7BC090



615759



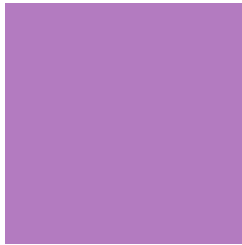
A1001E



210006

Previews

White Background



This preview shows how the Hex color B37BC0 looks on a white background.

Color Contrast Check

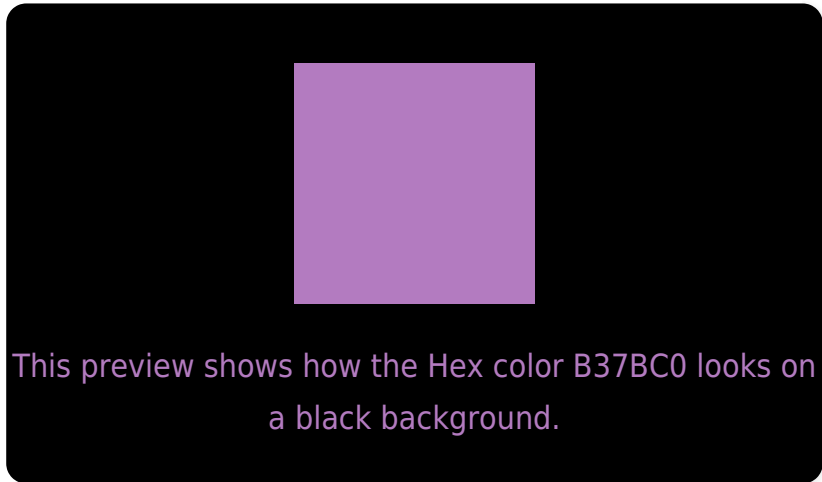
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

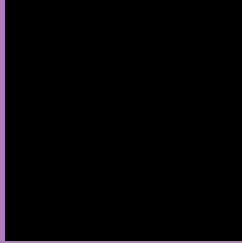
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B37BC0 Background



This preview shows how black text looks on a background with the Hex color B37BC0.

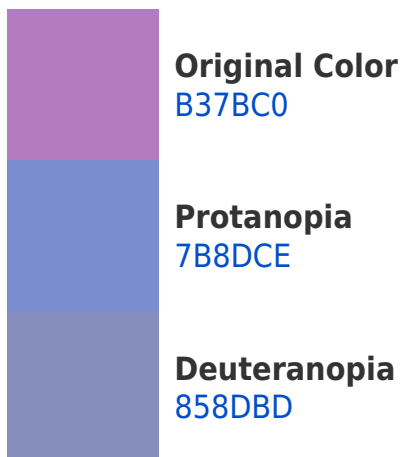



This preview shows how white text looks on a background with the Hex color B37BC0.

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](#).

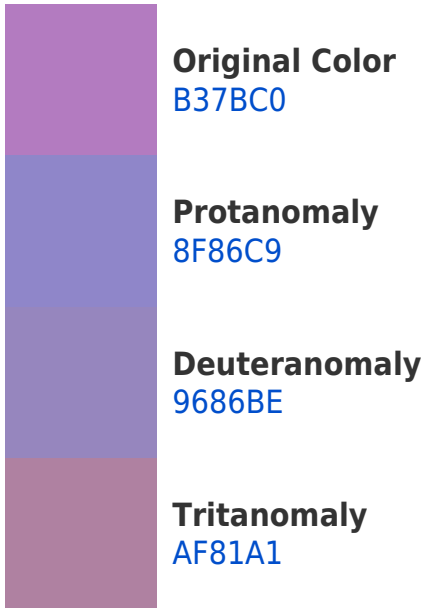
Dichromacy





Tritanopia
AC858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37BC0 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 #B37BC0 looks like.

```
.text, #text, p{  
    color:#B37BC0  
}
```

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 #B37BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37BC0
}
```

Border

The CSS property to change the border of an element to Hex B37BC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

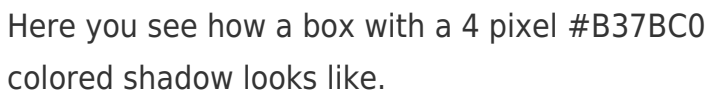
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B37BC0 }
```

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

```
.border{ border-color:#B37BC0 }
```

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



Here you see how a box with a 4 pixel #B37BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37BC0; -webkit-box-shadow:4px 4px  
4px 4px #B37BC0; box-shadow:4px 4px 4px  
4px #B37BC0 }
```

Background

The CSS property to change the background color of an element to Hex B37BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37BC0 }
```

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

```
.background{ background-color:#B37BC0 }
```

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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