

# Converting Colors

Hex(B37DCB)

Have a look what the booklet for  
Hex(B37DCB) contains.

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# **Color**

**Hex(B37DCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B37DCB
RGB	179, 125, 203
RGB Percent	70%, 49%, 80%
CMY	0.2980, 0.5098, 0.2039
CMYK	0.12, 0.38, 0.00, 0.20
HSL	282°, 43%, 64%
HSV	282°, 38%, 80%
XYZ	36.7035, 28.5627, 60.0786
YIQ	150.0380, 7.1460, 35.7060

# Conversions

## Conversions Part 2

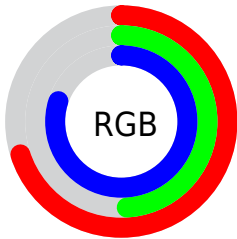
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 125, 203
Decimal	11763147
CIELab	60.39, 34.82, -32.33
CIELCh	60, 47.514, 317.128
Yxy	28.5627, 0.2928, 0.2279
Android (android.graphics.Color)	4289953227 (0xFFB37DCB)
YUV	150.0380, 26.1103, 25.3997
Hunter-Lab	53.4441, 29.0602, -29.2393

# Details

The Hex color **B37DCB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **95CB7D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ECB2FF**, and **7D4B95** is the 20% darker color. If you saturate the color by 10%, you get **AD69CB**, and if you desaturate by 10%, it is **B991CB**.

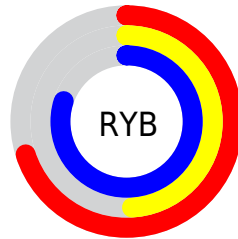
# Distribution



Red (70%)

Green (49%)

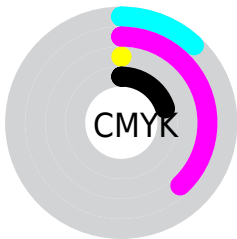
Blue (80%)



Red (70%)

Yellow (49%)

Blue (80%)

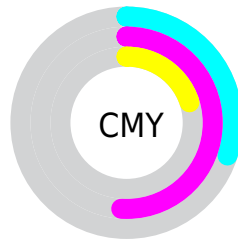


Cyan (12%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (30%)

Magenta (51%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B37DCB 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 B37DCB by changing the saturation by 10% instead.



 B37DCB

 B37DCB

FFFFFF

 9863AF

 ECB2FF

 7D4B95

 FFCEFF

 63337A

 FFE8FF

 4A1B61

 310249

 1E0032

 00021C

 000000

 B37DCB

 B37DCB

 AD69CB

 B991CB

 A754CB

 BFA6CB

 A040CB

 C6BACB

 9A2CCB

 CCCECB

 9418CB

 D2E3CB

 8E03CB

 D8F7CB

 8D00CB

 DFFFCB

 E5FFCB

 EBFFCB

# Harmonies

## Analogous

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



768EE2



B37DCB



D670A5

# Triad

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



B37DCB



B9893E



00A7A9

# Complementary

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



B37DCB



95CB7D

# 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.



00A67E



B37DCB



93973E

# Square

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



B37DCB



D57956



62A056



00A4CE

# Rectangle

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



B37DCB



DF6D89



62A056



00A79B



# Sweetspot

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



B37DCB



F6E0FF



7D96CB



7A6E80



000000



808080



# Same Dimension

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



B37DCB



DB8AFF



CB7DBD



635C66



7300A6



1A0026



# Inverse Universe

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



CB7D95



FF8AAE



7DCB8B



665C5F



A60033



26000C



# Previews

## White Background



This preview shows how the Hex color B37DCB looks on a white background.

## Color Contrast Check

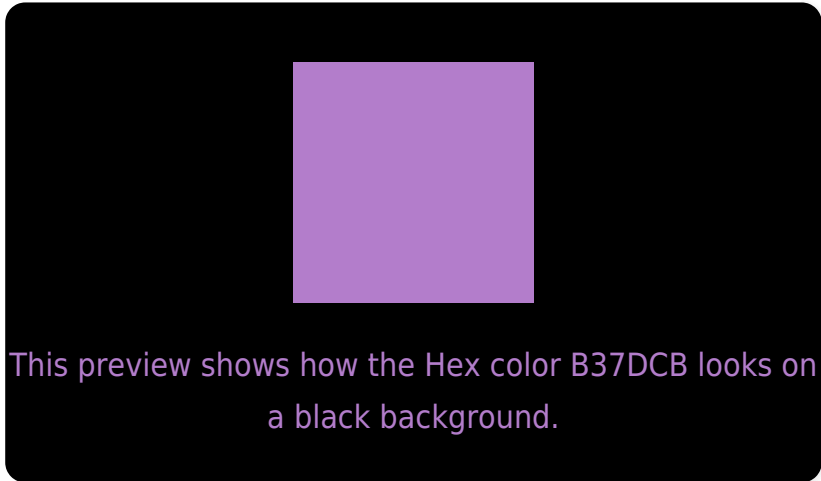
Large Text (above 18pt) WCAG AA ✓ Pass

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 B37DCB Background



This preview shows how black text looks on a background with the Hex color B37DCB.

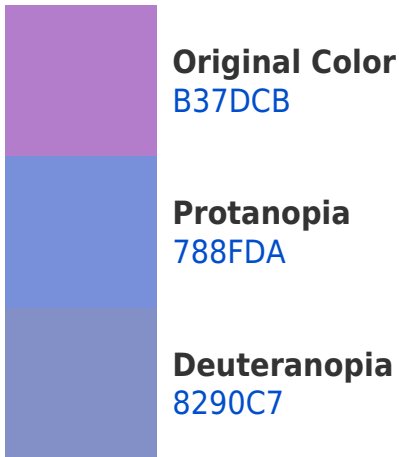



This preview shows how white text looks on a background with the Hex color B37DCB.

# 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**  
AB8993

# Trichromacy



**Original Color**  
B37DCB



**Protanomaly**  
8D88D5



**Deuteranomaly**  
9489C8



**Tritanomaly**  
AE85A7

# Monochromacy



**Original Color**  
B37DCB



**Achromatopsia**  
969696



**Achromatomaly**  
A18DA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B37DCB 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 #B37DCB looks like.

```
.text, #text, p{  
    color:#B37DCB  
}
```

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 #B37DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37DCB
}
```

## Border

The CSS property to change the border of an element to Hex B37DCB 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
#B37DCB }
```

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

```
.border{ border-color:#B37DCB }
```

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

Here you see how a box with a 4 pixel #B37DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37DCB; -webkit-box-shadow:4px 4px  
4px 4px #B37DCB; box-shadow:4px 4px 4px  
4px #B37DCB }
```

# Background

The CSS property to change the background color of an element to Hex B37DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37DCB }
```

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

```
.background{ background-color:#B37DCB }
```

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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