

Converting Colors

Hex(B37CDC)

Have a look what the booklet for
Hex(B37CDC) contains.

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Color

Hex(**B37CDC**)

Conversions

Conversions Part 1

Format	Color
Hex	B37CDC
RGB	179, 124, 220
RGB Percent	70%, 49%, 86%
CMY	0.2980, 0.5137, 0.1373
CMYK	0.19, 0.44, 0.00, 0.14
HSL	274°, 58%, 67%
HSV	274°, 44%, 86%
XYZ	38.7163, 29.1663, 71.2992
YIQ	151.3890, 1.9640, 41.5160

Conversions

Conversions Part 2

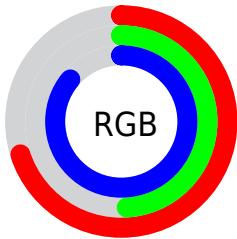
Format	Color
R _Y B	179, 124, 220
Decimal	11762908
CIE _{Lab}	60.93, 39.06, -41.04
CIE _{LCh}	61, 56.654, 313.580
Yxy	29.1663, 0.2782, 0.2096
Android (android.graphics.Color)	4289952988 (0xFFB37CDC)
YUV	151.3890, 33.8252, 24.2148
Hunter-Lab	54.0058, 33.4549, -40.4713

Details

The Hex color **B37CDC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A5DC7C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ECB2FF**, and **7C49A4** is the 20% darker color. If you saturate the color by 10%, you get **AA66DC**, and if you desaturate by 10%, it is **BC92DC**.

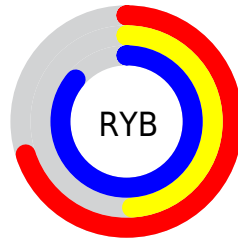
Distribution



Red (70%)

Green (49%)

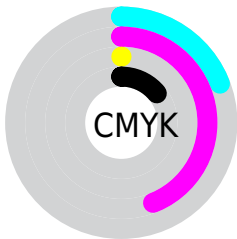
Blue (86%)



Red (70%)

Yellow (49%)

Blue (86%)

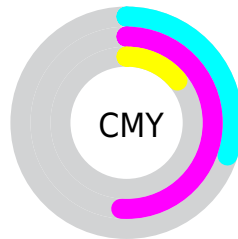


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (14%)



Cyan (30%)

Magenta (51%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37CDC 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 B37CDC by changing the saturation by 10% instead.

 B37CDC

 B37CDC

FFFFFF

 9762C0

 ECB2FF

 7C49A4

 FFCDFE

 62318A

 FFEAFF

 481970

 2E0057

 19003F

 000328

 000112

 000000

 B37CDC

 B37CDC

 AA66DC

 BC92DC

 A050DC

 C6A8DC

 973ADC

 CFBEDC

 8D24DC

 D9D4DC

 840EDC

 E2EADC

 7E00DC

 EBFFDC

 F5FFDC

 FEFFDC

 FFFFDC

Harmonies

Analogous

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



5F91F5



B37CDC



E069B1

Triad

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



B37CDC



C4872E



00ABA9

Complementary

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



B37CDC



A5DC7C

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.



00A975



B37CDC



989828

Square

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



B37CDC



E37350



60A346



00A9D7

Rectangle

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



B37CDC



ED648F



60A346



00AB98

Sweetspot

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



B37CDC



F1DEFF



7CA6DC



776B80



000000



808080

Same Dimension

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



B37CDC



C67AFF



DC7CD6



69636E



6300AD



1A002E

Inverse Universe

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



DC7CA5



FF7AB3



7CDC82



6E6367



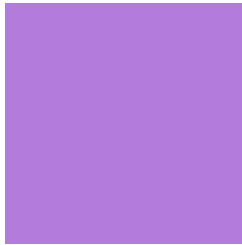
AD004A



2E0014

Previews

White Background



This preview shows how the Hex color B37CDC looks on a white background.

Color Contrast Check

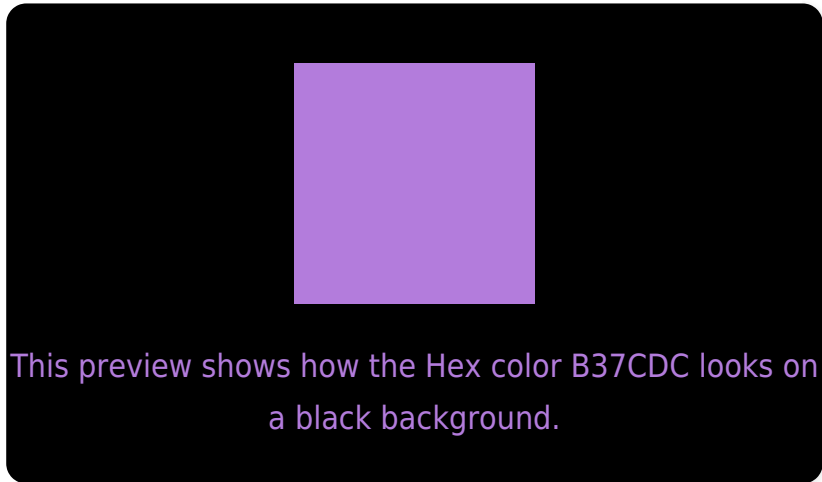
Large Text (above 18pt) WCAG AA ✓ Pass

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

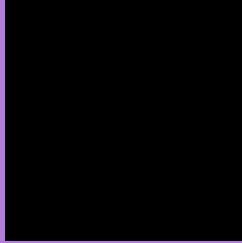
Any Text WCAG AA ✓ Pass

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 B37CDC Background



This preview shows how black text looks on a background with the Hex color B37CDC.

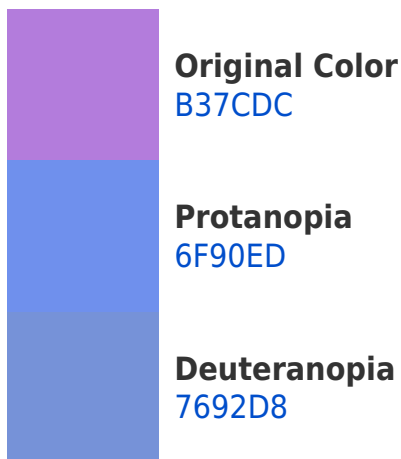


This preview shows how white text looks on a background with the Hex color B37CDC.

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](#).

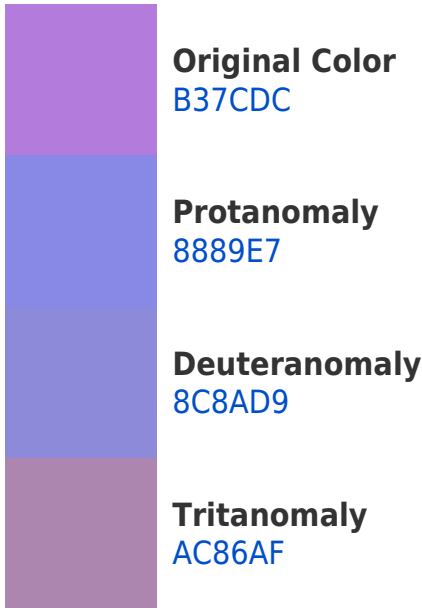
Dichromacy



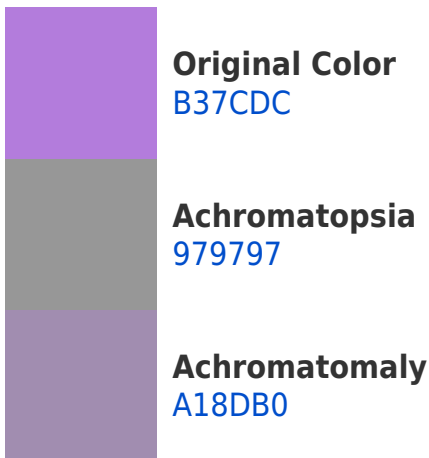


Tritanopia
A88C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37CDC 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 #B37CDC looks like.

```
.text, #text, p{  
    color:#B37CDC  
}
```

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 #B37CDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37CDC
}
```

Border

The CSS property to change the border of an element to Hex B37CDC 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".

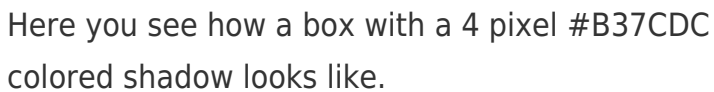
```
.border, #border, table{ border:4px solid
#B37CDC }
```

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

```
.border{ border-color:#B37CDC }
```

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

Here you see how a box with a 4 pixel #B37CDC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37CDC; -webkit-box-shadow:4px 4px  
4px 4px #B37CDC; box-shadow:4px 4px 4px  
4px #B37CDC }
```

Background

The CSS property to change the background color of an element to Hex B37CDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37CDC }
```

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

```
.background{ background-color:#B37CDC }
```

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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