

Converting Colors

Hex(B37DB1)

Have a look what the booklet for
Hex(B37DB1) contains.

Hex(B37DB1)	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(B37DB1)

Conversions

Conversions Part 1

Format	Color
Hex	B37DB1
RGB	179, 125, 177
RGB Percent	70%, 49%, 69%
CMY	0.2980, 0.5098, 0.3059
CMYK	0.00, 0.30, 0.01, 0.30
HSL	302°, 26%, 60%
HSV	302°, 30%, 70%
XYZ	33.8598, 27.4253, 45.1040
YIQ	147.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

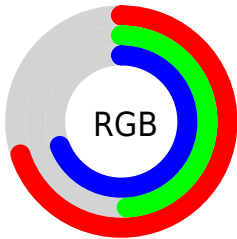
Format	Color
RYB	179, 125, 177
Decimal	11763121
CIELab	59.37, 29.59, -19.15
CIElCh	59, 35.249, 327.096
Yxy	27.4253, 0.3183, 0.2578
Android (android.graphics.Color)	4289953201 (0xFFB37DB1)
YUV	147.0740, 14.7535, 27.9991
Hunter-Lab	52.3691, 23.7651, -14.4063

Details

The Hex color **B37DB1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7DB37F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EBB2E9**, and **7D4B7C** is the 20% darker color. If you saturate the color by 10%, you get **B36BB0**, and if you desaturate by 10%, it is **B38FB2**.

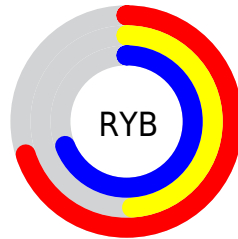
Distribution



Red (70%)

Green (49%)

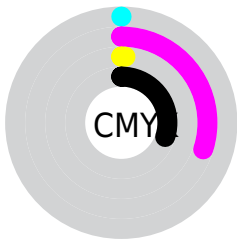
Blue (69%)



Red (70%)

Yellow (49%)

Blue (69%)

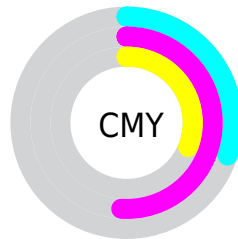


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37DB1 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 B37DB1 by changing the saturation by 10% instead.

 B37DB1

 B37DB1

FFFFFF

 986496

 EBB2E9

 7D4B7C

 FFCEFF

 643363

 FFEAFF

 4B1C4B

 330434

 20001F

 000002

 000000

 B37DB1

 B37DB1

 B36BB0

 B38FB2

 B359B0

 B3A1B2

 B347AF

 B3B3B3

 B335AE

 B3C5B4

 B323AE

 B3D6B4

 B312AD

 B3E8B5

 B300AC

 B3FAB6

 B3FFB6

 B3FFB7

Harmonies

Analogous

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



8E88C6



B37DB1



C77793

Triad

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



B37DB1



A68C50



009FAA

Complementary

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



B37DB1



7DB37F

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.



349F8B



B37DB1



869657

Square

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



B37DB1



BE815C



619C6C



149BC2

Rectangle

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



B37DB1



CB777E



619C6C



009FA0

Sweetspot

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



B37DB1



E8D3E7



7F7DB3



756875



F5F5F5



757575

Same Dimension

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



B37DB1



E895E5



B37D96



595059



990093



1A0019

Inverse Universe

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



B37DB1



E895E5



7DB39A



595059



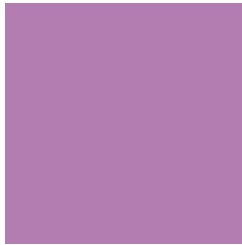
990093



1A0019

Previews

White Background



This preview shows how the Hex color B37DB1 looks on a white background.

Color Contrast Check

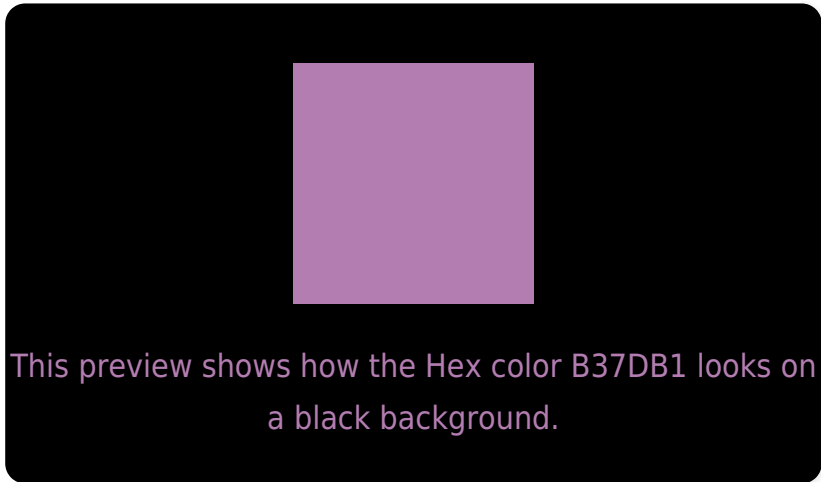
Large Text (above 18pt) WCAG AA ✓ Pass

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

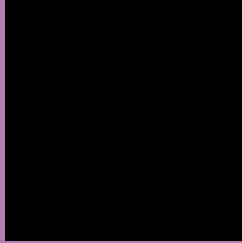
Any Text WCAG AA ✓ Pass

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 B37DB1 Background



This preview shows how black text looks on a background with the Hex color B37DB1.

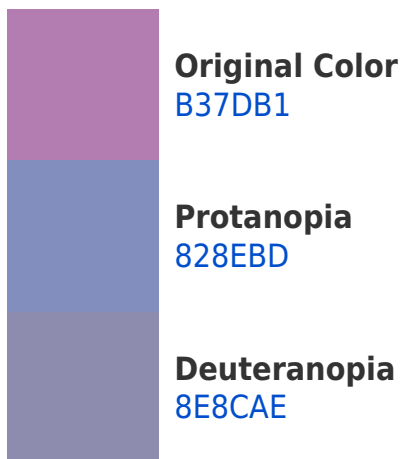


This preview shows how white text looks on a background with the Hex color B37DB1.

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](#).

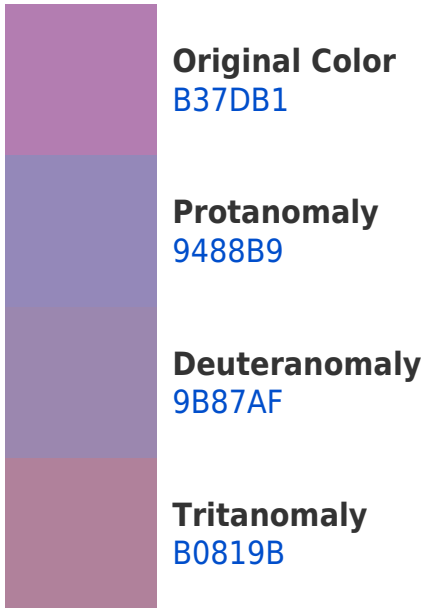
Dichromacy





Tritanopia
AE848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37DB1 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 #B37DB1 looks like.

```
.text, #text, p{  
    color:#B37DB1  
}
```

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 #B37DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37DB1
}
```

Border

The CSS property to change the border of an element to Hex B37DB1 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
#B37DB1 }
```

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

```
.border{ border-color:#B37DB1 }
```

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

Here you see how a box with a 4 pixel #B37DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37DB1; -webkit-box-shadow:4px 4px  
4px 4px #B37DB1; box-shadow:4px 4px 4px  
4px #B37DB1 }
```

Background

The CSS property to change the background color of an element to Hex B37DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37DB1 }
```

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

```
.background{ background-color:#B37DB1 }
```

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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