

Converting Colors

Hex(BD37A7)

Have a look what the booklet for
Hex(BD37A7) contains.

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Color

Hex(BD37A7)

Conversions

Conversions Part 1

Format	Color
Hex	BD37A7
RGB	189, 55, 167
RGB Percent	74%, 22%, 65%
CMY	0.2588, 0.7843, 0.3451
CMYK	0.00, 0.71, 0.12, 0.26
HSL	310°, 55%, 48%
HSV	310°, 71%, 74%
XYZ	29.3275, 16.3412, 38.1677
YIQ	107.8340, 43.9120, 63.2400

Conversions

Conversions Part 2

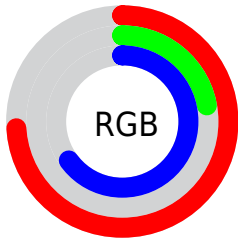
Format	Color
R_{YB}	189, 55, 167
Decimal	12400551
CIE _{Lab}	47.42, 64.51, -31.68
CIE _{LCh}	47, 71.868, 333.849
Yxy	16.3412, 0.3498, 0.1949
Android (android.graphics.Color)	4290590631 (0xFFBD37A7)
YUV	107.8340, 29.1688, 71.1826
Hunter-Lab	40.4243, 58.7580, -27.6833

Details

The Hex color **BD37A7** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **37BD4D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F871DE**, and **840073** is the 20% darker color. If you saturate the color by 10%, you get **BD24A4**, and if you desaturate by 10%, it is **BD4AAA**.

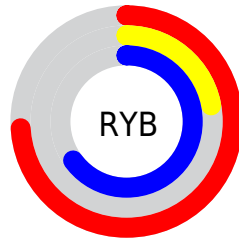
Distribution



Red (74%)

Green (22%)

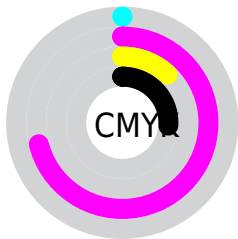
Blue (65%)



Red (74%)

Yellow (22%)

Blue (65%)

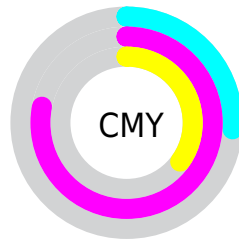


Cyan (0%)

Magenta (71%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD37A7 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 BD37A7 by changing the saturation by 10% instead.


 BD37A7

 BD37A7

FFFFFF

 A0108C

 F871DE

 840073

 FF8EFB

 68005A

 FFAAFF

 4D0042

 FFC7FF

 34002B

 FFE4FF

 0F0015

 000000

 BD37A7

 BD37A7

 BD24A4

 BD4AAA

 BD11A1

 BD5DAD

 BD009E

 BD70B0

 BD83B3

 BD96B7

 BDA8BA

 BDBBBD

 BDCEC0

 BDE1C3

Harmonies

Analogous

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



755CD6



BD37A7



D81A6B

Triad

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



BD37A7



827100



008AB3

Complementary

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



BD37A7



37BD4D

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.



008A77



BD37A7



417F00

Square

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



BD37A7



B15800



008737



0084DE

Rectangle

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



BD37A7



D62944



008737



008AA0

Sweetspot

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



BD37A7



F5C1EC



4B37BD



7A5C75



FAFAFA



7A7A7A

Same Dimension

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



BD37A7



F525D3



BD3766



5E555D



9E0084



1F001A

Inverse Universe

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



BD37A7



F525D3



37BD8E



5E555D



9E0084



1F001A

Previews

White Background



This preview shows how the Hex color BD37A7 looks on a white background.

Color Contrast Check

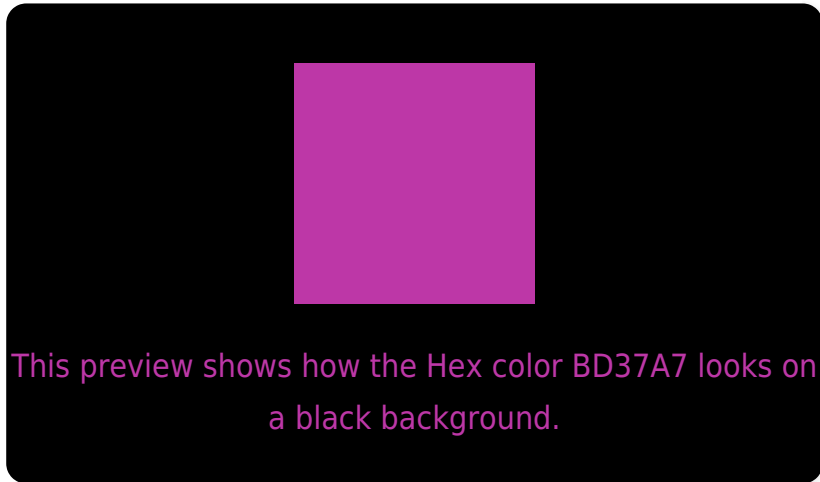
Large Text (above 18pt) WCAG AA ✓ Pass

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

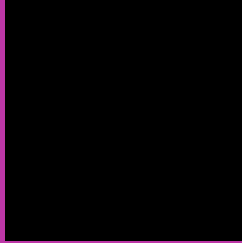
Any Text WCAG AA × Fail

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 BD37A7 Background



This preview shows how black text looks on a background with the Hex color BD37A7.

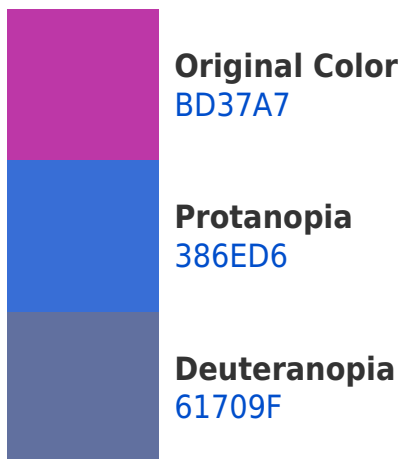



This preview shows how white text looks on a background with the Hex color BD37A7.

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
B55156

Trichromacy



Original Color
BD37A7



Protanomaly
685AC5



Deuteranomaly
825BA2



Tritanomaly
B84873

Monochromacy



Original Color
BD37A7



Achromatopsia
6C6C6C



Achromatomaly
895981

CSS Examples

Text

The CSS property to change the color of the text to Hex BD37A7 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 #BD37A7 looks like.

```
.text, #text, p{  
  color:#BD37A7  
}
```

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 #BD37A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD37A7
}
```

Border

The CSS property to change the border of an element to Hex BD37A7 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
#BD37A7 }
```

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

```
.border{ border-color:#BD37A7 }
```

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

Here you see how a box with a 4 pixel #BD37A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD37A7; -webkit-box-shadow:4px 4px  
4px 4px #BD37A7; box-shadow:4px 4px 4px  
4px #BD37A7 }
```

Background

The CSS property to change the background color of an element to Hex BD37A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD37A7 }
```

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

```
.background{ background-color:#BD37A7 }
```

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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