

Converting Colors

Hex(BD0D37)

Have a look what the booklet for
Hex(BD0D37) contains.

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Color

Hex(BD0D37)

Conversions

Conversions Part 1

Format	Color
Hex	BD0D37
RGB	189, 13, 55
RGB Percent	74%, 5%, 22%
CMY	0.2588, 0.9490, 0.7843
CMYK	0.00, 0.93, 0.71, 0.26
HSL	346°, 87%, 40%
HSV	346°, 93%, 74%
XYZ	21.8198, 11.3825, 4.6614
YIQ	70.4120, 91.4140, 50.3740

Conversions

Conversions Part 2

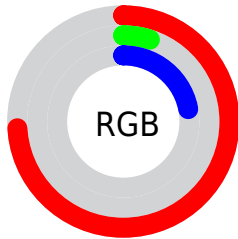
Format	Color
RYB	189, 13, 55
Decimal	12389687
CIELab	40.22, 63.84, 26.96
CIElCh	40, 69.298, 22.896
Yxy	11.3825, 0.5763, 0.3006
Android (android.graphics.Color)	4290579767 (0xFFBD0D37)
YUV	70.4120, -7.5981, 104.0017
Hunter-Lab	33.7380, 56.4021, 15.4247

Details

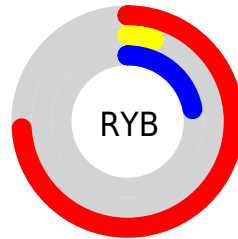
The Hex color **BD0D37** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **0DBD93**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FC5666**, and **7F000D** is the 20% darker color. If you saturate the color by 10%, you get **BD002D**, and if you desaturate by 10%, it is **BD2045**.

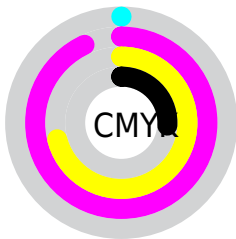
Distribution



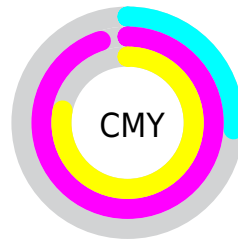
- Red (74%)
- Green (5%)
- Blue (22%)



- Red (74%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (71%)
- Black (26%)



- Cyan (26%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD0D37 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 BD0D37 by changing the saturation by 10% instead.

 BD0D37

 BD0D37

FFFFFF

 9E0022

 FC5666

 7F000D

 FF737F

 610000

 FF9098

 440003

 FFADB3

 230001

 FFCACF

 000000

 FFE7EB

 BD0D37

 BD0D37

 BD002D

 BD2045

 BD3354

 BD4662

 BD5971

 BD6C7F

 BD7E8D

 BD919C

 BDA4AA

 BDB7B9

Harmonies

Analogous

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



B9006F



BD0D37



A73C00

Triad

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



BD0D37



00710C



006AD1

Complementary

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



BD0D37



0DBD93

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.



0074B9



BD0D37



00754F

Square

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



BD0D37



4A6900



00768A



2B56C9

Rectangle

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



BD0D37



8E5000



00768A



006FCC

Sweetspot

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



BD0D37



F5B0C1



910DBD



7A515B



FAFAFA



7A7A7A

Same Dimension

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



BD0D37



F5003A



BD390D



5E5557



9E0026



1F0007

Inverse Universe

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



BD0D37



F5003A



0D91BD



5E5557



9E0026



1F0007

Previews

White Background



This preview shows how the Hex color BD0D37 looks on a white background.

Color Contrast Check

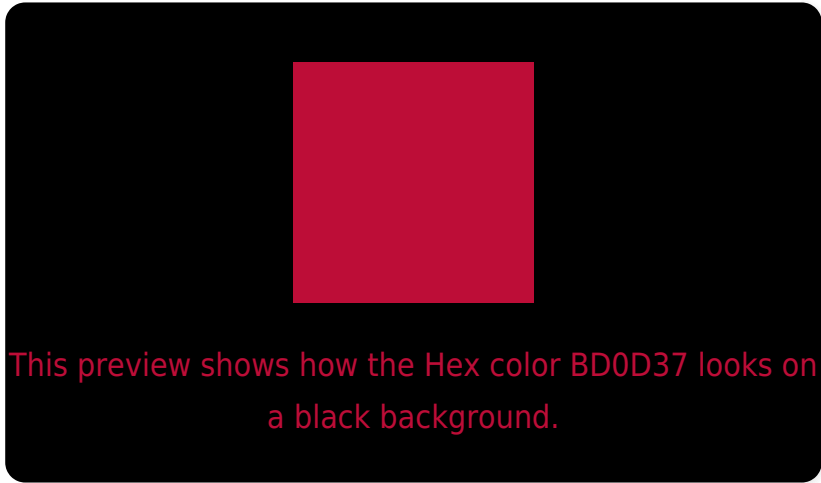
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0D37 Background



This preview shows how black text looks on a background with the Hex color BD0D37.

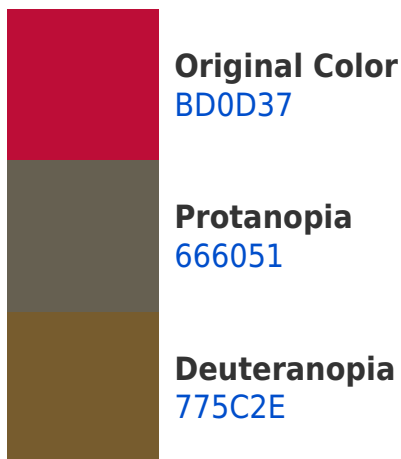


This preview shows how white text looks on a background with the Hex color BD0D37.

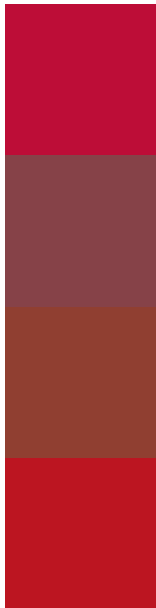
Color Blindness Simulation

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



Trichromacy



Original Color
BD0D37

Protanomaly
864248

Deuteranomaly
903F31

Tritanomaly
BC1521

Monochromacy



Original Color
BD0D37

Achromatopsia
464646

Achromatomaly
713141

CSS Examples

Text

The CSS property to change the color of the text to Hex BD0D37 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 #BD0D37 looks like.

```
.text, #text, p{  
    color:#BD0D37  
}
```

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 #BD0D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0D37
}
```

Border

The CSS property to change the border of an element to Hex BD0D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

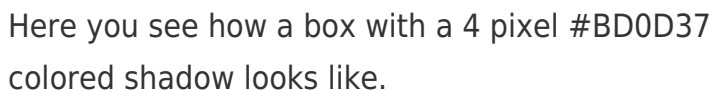
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD0D37 }
```

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

```
.border{ border-color:#BD0D37 }
```

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



Here you see how a box with a 4 pixel `#BD0D37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0D37; -webkit-box-shadow:4px 4px  
4px 4px #BD0D37; box-shadow:4px 4px 4px  
4px #BD0D37 }
```

Background

The CSS property to change the background color of an element to Hex BD0D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0D37 }
```

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

```
.background{ background-color:#BD0D37 }
```

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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