

# Converting Colors

Hex(BD0066)

Have a look what the booklet for  
Hex(BD0066) contains.

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**Color**

**Hex(BD0066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0066
RGB	189, 0, 102
RGB Percent	74%, 0%, 40%
CMY	0.2588, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.46, 0.26
HSL	328°, 100%, 37%
HSV	328°, 100%, 74%
XYZ	23.3845, 11.7781, 13.6113
YIQ	68.1390, 79.9020, 71.7900

# Conversions

## Conversions Part 2

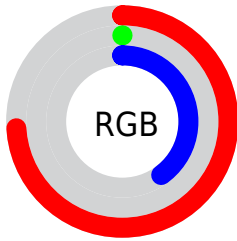
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 0, 102
Decimal	12386406
CIELab	40.86, 68.21, -1.97
CIELCh	41, 68.241, 358.350
Yxy	11.7781, 0.4794, 0.2415
Android (android.graphics.Color)	4290576486 (0xFFBD0066)
YUV	68.1390, 16.6935, 105.9951
Hunter-Lab	34.3193, 61.5680, 0.5086

# Details

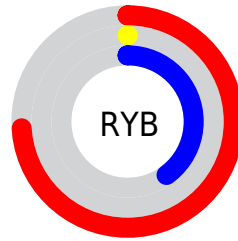
The Hex color **BD0066** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BD57**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FA5499**, and **810038** is the 20% darker color. If you saturate the color by 10%, you get **BD0066**, and if you desaturate by 10%, it is **BD136F**.

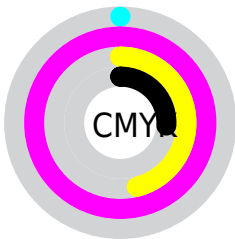
# Distribution



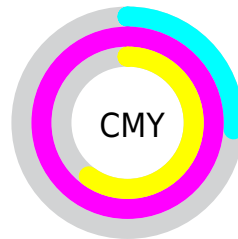
- Red (74%)
- Green (0%)
- Blue (40%)



- Red (74%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0066 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 BD0066 by changing the saturation by 10% instead.



 BD0066

 BD0066

FFFFFF

 9F004E

 FA5499

 810038

 FF72B3

 640022

 FF8FCF

 49000C

 FFACEB

 2A0001

 FFC9FF

 000000

 FFE7FF

 BD0066

 BD136F

 BD2677

 BD3980

 BD4C89

 BD5F92

 BD719A

 BD84A3

 BD97AC

 BDAAB4

# Harmonies

## Analogous

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



9E309C



BD0066



BC1E2F

# Triad

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



BD0066



416C00



0074C0

# Complementary

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



BD0066



00BD57

# 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.



007894



BD0066



00741F

# Square

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



BD0066



795D00



00775C



0069D2

# Rectangle

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



BD0066



AD3904



00775C



0076B4



# Sweetspot

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



BD0066



F5ABD3



5500BD



7A4E66



FAFAFA



7A7A7A



# Same Dimension

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



BD0066



F50084



BD0009



5E555A



9E0055



1F0011



# Inverse Universe

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



BD0066



F50084



00BDB4



5E555A



9E0055



1F0011



# Previews

## White Background



This preview shows how the Hex color BD0066 looks on a white background.

## Color Contrast Check

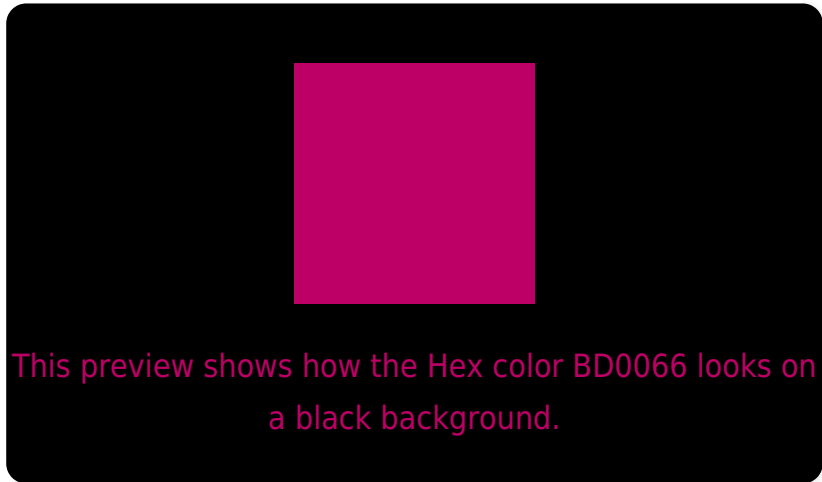
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0066 Background



This preview shows how black text looks on a background with the Hex color BD0066.



This preview shows how white text looks on a background with the Hex color BD0066.

# 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**  
BD0066



**Protanomaly**  
793E83



**Deuteranomaly**  
8B3C61



**Tritanomaly**  
BB193F

# Monochromacy



**Original Color**  
BD0066



**Achromatopsia**  
444444



**Achromatomaly**  
702B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0066 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 #BD0066 looks like.

```
.text, #text, p{  
    color:#BD0066  
}
```

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 #BD0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0066
}
```

## Border

The CSS property to change the border of an element to Hex BD0066 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
#BD0066 }
```

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

```
.border{ border-color:#BD0066 }
```

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

Here you see how a box with a 4 pixel #BD0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0066; -webkit-box-shadow:4px 4px  
4px 4px #BD0066; box-shadow:4px 4px 4px  
4px #BD0066 }
```

# Background

The CSS property to change the background color of an element to Hex BD0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0066 }
```

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

```
.background{ background-color:#BD0066 }
```

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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