

# Converting Colors

Hex(BD0076)

Have a look what the booklet for  
Hex(BD0076) contains.

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**Color**

**Hex(BD0076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0076
RGB	189, 0, 118
RGB Percent	74%, 0%, 46%
CMY	0.2588, 1.0000, 0.5373
CMYK	0.00, 1.00, 0.38, 0.26
HSL	323°, 100%, 37%
HSV	323°, 100%, 74%
XYZ	24.2563, 12.1268, 18.2018
YIQ	69.9630, 74.7660, 76.7660

# Conversions

## Conversions Part 2

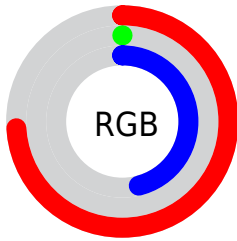
Format	Color
<b>RYB</b>	189, 0, 118
Decimal	12386422
CIELab	41.42, 69.66, -11.18
CIELCh	41, 70.555, 350.883
Yxy	12.1268, 0.4444, 0.2222
Android (android.graphics.Color)	4290576502 (0xFFBD0076)
YUV	69.9630, 23.6822, 104.3954
Hunter-Lab	34.8236, 63.3924, -6.6135

# Details

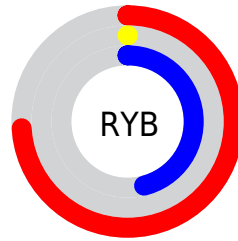
The Hex color **BD0076** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00BD47**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FA55AA**, and **820046** is the 20% darker color. If you saturate the color by 10%, you get **BD0076**, and if you desaturate by 10%, it is **BD137D**.

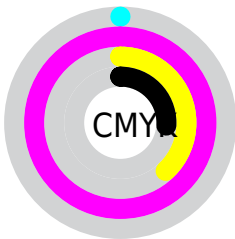
# Distribution



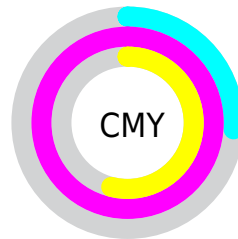
- Red (74%)
- Green (0%)
- Blue (46%)



- Red (74%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD0076 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 BD0076 by changing the saturation by 10% instead.



 BD0076

 BD0076

FFFFFF

 9F005D

 FA55AA

 820046

 FF73C5

 65002F

 FF90E1

 4A001B

 FFADFE

 2D0001

 FFCBFF

 000000

 FFE8FF

 BD0076

 BD137D

 BD2684

 BD398B

 BD4C92

 BD5F9A

 BD71A1

 BD84A8

 BD97AF

 BDAAB6

# Harmonies

## Analogous

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



9339AC



BD0076



C30A3D

# Triad

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



BD0076



516B00



0078BC

# Complementary

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



BD0076



00BD47

# 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.



007A8A



BD0076



007405

# Square

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



BD0076



865900



00794D



006ED6

# Rectangle

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



BD0076



B72E16



00794D



0079AD



# Sweetspot

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



BD0076



F5ABD9



4500BD



7A4E6A



FAFAFA



7A7A7A



# Same Dimension

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



BD0076



F50099



BD0019



5E555B



9E0063



1F0013



# Inverse Universe

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



BD0076



F50099



00BDA4



5E555B



9E0063



1F0013



# Previews

## White Background



This preview shows how the Hex color BD0076 looks on a white background.

## Color Contrast Check

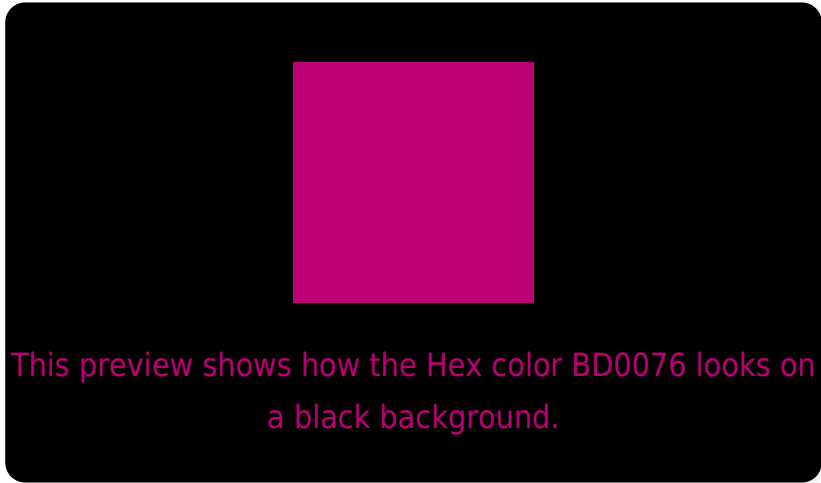
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD0076 Background



This preview shows how black text looks on a background with the Hex color BD0076.



This preview shows how white text looks on a background with the Hex color BD0076.

# 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**  
B92F30

# Trichromacy



**Original Color**  
BD0076



**Protanomaly**  
713E96



**Deuteranomaly**  
883E71



**Tritanomaly**  
BA1E49

# Monochromacy



**Original Color**  
BD0076



**Achromatopsia**  
464646



**Achromatomaly**  
712D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD0076 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 #BD0076 looks like.

```
.text, #text, p{  
    color:#BD0076  
}
```

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 #BD0076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0076
}
```

## Border

The CSS property to change the border of an element to Hex BD0076 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
#BD0076 }
```

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

```
.border{ border-color:#BD0076 }
```

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

Here you see how a box with a 4 pixel #BD0076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0076; -webkit-box-shadow:4px 4px  
4px 4px #BD0076; box-shadow:4px 4px 4px  
4px #BD0076 }
```

# Background

The CSS property to change the background color of an element to Hex BD0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0076 }
```

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

```
.background{ background-color:#BD0076 }
```

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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