

# Converting Colors

Hex(BD046B)

Have a look what the booklet for  
Hex(BD046B) contains.

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**Color**

**Hex(BD046B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD046B
RGB	189, 4, 107
RGB Percent	74%, 2%, 42%
CMY	0.2588, 0.9843, 0.5804
CMYK	0.00, 0.98, 0.43, 0.26
HSL	327°, 96%, 38%
HSV	327°, 98%, 74%
XYZ	23.6835, 11.9672, 14.9716
YIQ	71.0570, 77.1970, 71.2530

# Conversions

## Conversions Part 2

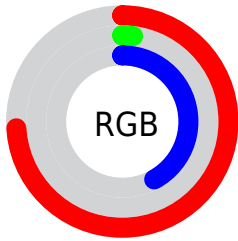
Format	Color
<b>RYB</b>	189, 4, 107
Decimal	12387435
CIELab	41.16, 68.24, -4.67
CIELCh	41, 68.398, 356.085
Yxy	11.9672, 0.4678, 0.2364
Android (android.graphics.Color)	4290577515 (0xFFBD046B)
YUV	71.0570, 17.7199, 103.4360
Hunter-Lab	34.5936, 61.6660, -1.4442

# Details

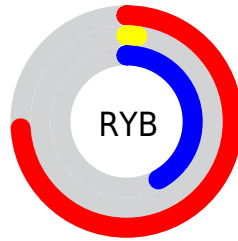
The Hex color **BD046B** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **04BD56**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FA569E**, and **81003C** is the 20% darker color. If you saturate the color by 10%, you get **BD0069**, and if you desaturate by 10%, it is **BD1773**.

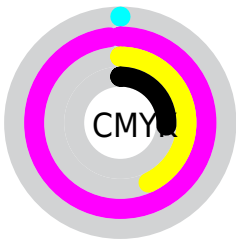
# Distribution



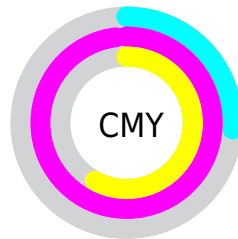
- Red (74%)
- Green (2%)
- Blue (42%)



- Red (74%)
- Yellow (2%)
- Blue (42%)



- Cyan (0%)
- Magenta (98%)
- Yellow (43%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD046B 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 BD046B by changing the saturation by 10% instead.



 BD046B

 BD046B

FFFFFF

 9F0053

 FA569E

 81003C

 FF73B9

 640026

 FF90D5

 490012

 FFADF1

 2B0001

 FFCBFF

 000000

 FFE8FF

 BD046B

 BD046B

 BD0069

 BD1773

 BD2A7C

 BD3D84

 BD508D

 BD6295

 BD759D

 BD88A6

 BD9BAE

 BDAEB6

# Harmonies

## Analogous

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



9B33A1



BD046B



BE1C34

# Triad

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



BD046B



476C00



0075BF

# Complementary

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



BD046B



04BD56

# 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.



007991



BD046B



00741A

# Square

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



BD046B



7D5C00



007858



006BD3

# Rectangle

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



BD046B



B0370C



007858



0077B2



# Sweetspot

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



BD046B



F5AED5



5404BD



7A5067



FAFafa



7A7A7A



# Same Dimension

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



BD046B



F50088



BD0410



5E555A



9E0058



1F0011



# Inverse Universe

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



BD046B



F50088



04BDB1



5E555A



9E0058



1F0011



# Previews

## White Background



This preview shows how the Hex color BD046B looks on a white background.

## Color Contrast Check

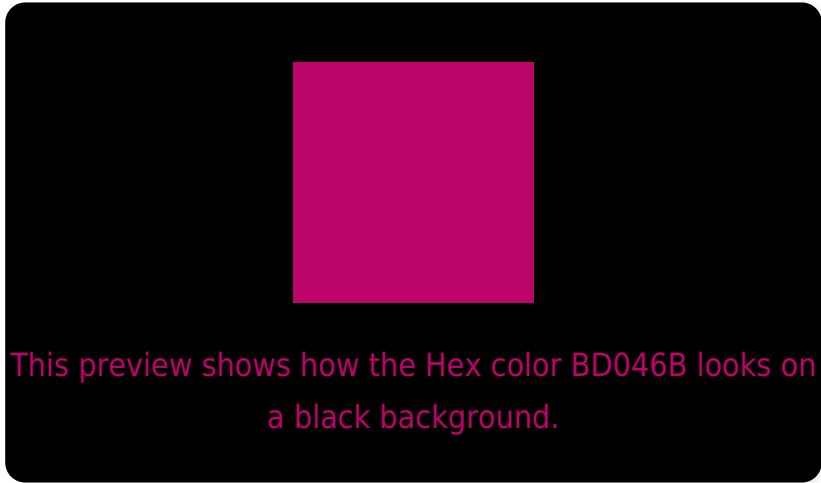
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD046B Background



This preview shows how black text looks on a background with the Hex color BD046B.



This preview shows how white text looks on a background with the Hex color BD046B.

# 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**  
BD046B



**Protanomaly**  
774089



**Deuteranomaly**  
8A3F66



**Tritanomaly**  
BB1C42

# Monochromacy



**Original Color**  
BD046B



**Achromatopsia**  
474747



**Achromatomaly**  
722F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD046B 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 #BD046B looks like.

```
.text, #text, p{  
    color:#BD046B  
}
```

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 #BD046B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD046B
}
```

## Border

The CSS property to change the border of an element to Hex BD046B 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
#BD046B }
```

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

```
.border{ border-color:#BD046B }
```

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

Here you see how a box with a 4 pixel #BD046B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD046B; -webkit-box-shadow:4px 4px  
4px 4px #BD046B; box-shadow:4px 4px 4px  
4px #BD046B }
```

# Background

The CSS property to change the background color of an element to Hex BD046B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD046B }
```

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

```
.background{ background-color:#BD046B }
```

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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