

# Converting Colors

Hex(BC006A)

Have a look what the booklet for  
Hex(BC006A) contains.

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**Color**

**Hex(BC006A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC006A
RGB	188, 0, 106
RGB Percent	74%, 0%, 42%
CMY	0.2627, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.44, 0.26
HSL	326°, 100%, 37%
HSV	326°, 100%, 74%
XYZ	23.3406, 11.7320, 14.6700
YIQ	68.2960, 78.0220, 72.8220

# Conversions

## Conversions Part 2

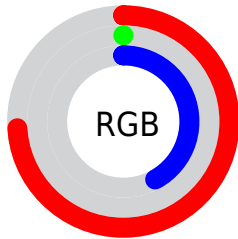
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 0, 106
Decimal	12320874
CIELab	40.79, 68.34, -4.62
CIElCh	41, 68.493, 356.131
Yxy	11.7320, 0.4692, 0.2359
Android (android.graphics.Color)	4290510954 (0xFFBC006A)
YUV	68.2960, 18.5881, 104.9804
Hunter-Lab	34.2520, 61.6955, -1.4173

# Details

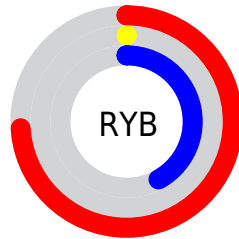
The Hex color **BC006A** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BC52**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F9549D**, and **80003B** is the 20% darker color. If you saturate the color by 10%, you get **BC006A**, and if you desaturate by 10%, it is **BC1372**.

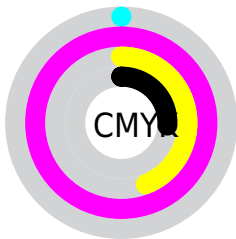
# Distribution



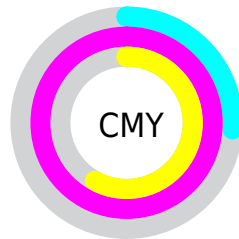
- Red (74%)
- Green (0%)
- Blue (42%)



- Red (74%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC006A 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 BC006A by changing the saturation by 10% instead.



 BC006A

 BC006A

FFFFFF

 9E0052

 F9549D

 80003B

 FF72B8

 630026

 FF8FD4

 480011

 FFACF0

 290001

 FFC9FF

 000000

 FFE7FF

 BC006A

 BC1372

 BC267A

 BC3883

 BC4B8B

 BC5E93

 BC719B

 BC84A3

 BC96AC

 BCA9B4

# Harmonies

## Analogous

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



9A32A0



BC006A



BD1A33

# Triad

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



BC006A



456B00



0074BE

# Complementary

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



BC006A



00BC52

# 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.



007890



BC006A



007319

# Square

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



BC006A



7C5C00



007757



006AD2

# Rectangle

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



BC006A



AF360A



007757



0076B1



# Sweetspot

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



BC006A



F5ABD5



5100BC



7A4E67



FAFAFA



7A7A7A



# Same Dimension

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



BC006A



F5008A



BC000D



5E555A



9E0059



1F0011



# Inverse Universe

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



BC006A



F5008A



00BCAF



5E555A



9E0059



1F0011



# Previews

## White Background



This preview shows how the Hex color BC006A looks on a white background.

## Color Contrast Check

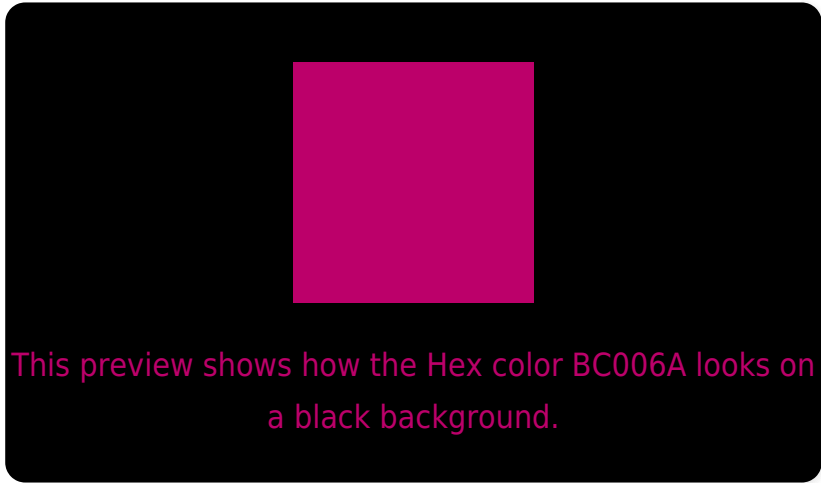
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC006A Background



This preview shows how black text looks on a background with the Hex color BC006A.



This preview shows how white text looks on a background with the Hex color BC006A.

# 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**  
B92A2B

# Trichromacy



**Original Color**  
BC006A



**Protanomaly**  
773E87



**Deuteranomaly**  
893C65



**Tritanomaly**  
BA1B42

# Monochromacy



**Original Color**  
BC006A



**Achromatopsia**  
444444



**Achromatomaly**  
702B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC006A 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 #BC006A looks like.

```
.text, #text, p{  
    color:#BC006A  
}
```

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 #BC006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC006A
}
```

## Border

The CSS property to change the border of an element to Hex BC006A 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
#BC006A }
```

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

```
.border{ border-color:#BC006A }
```

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

Here you see how a box with a 4 pixel #BC006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC006A; -webkit-box-shadow:4px 4px  
4px 4px #BC006A; box-shadow:4px 4px 4px  
4px #BC006A }
```

# Background

The CSS property to change the background color of an element to Hex BC006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC006A }
```

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

```
.background{ background-color:#BC006A }
```

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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