

# Converting Colors

Hex(BB0060)

Have a look what the booklet for  
Hex(BB0060) contains.

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**Color**

**Hex(BB0060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB0060
RGB	187, 0, 96
RGB Percent	73%, 0%, 38%
CMY	0.2667, 1.0000, 0.6235
CMYK	0.00, 1.00, 0.49, 0.27
HSL	329°, 100%, 37%
HSV	329°, 100%, 73%
XYZ	22.6048, 11.4093, 12.0771
YIQ	66.8570, 80.6360, 69.5000

# Conversions

## Conversions Part 2

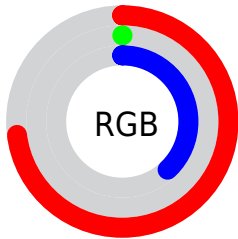
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 0, 96
Decimal	12255328
CIE <sub>Lab</sub>	40.26, 67.28, 0.91
CIE <sub>LCh</sub>	40, 67.283, 0.773
Yxy	11.4093, 0.4904, 0.2475
Android (android.graphics.Color)	4290445408 (0xFFBB0060)
YUV	66.8570, 14.3675, 105.3654
Hunter-Lab	33.7777, 60.3455, 2.4454

# Details

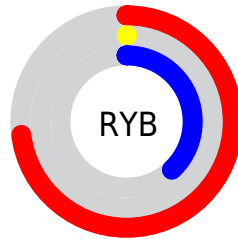
The Hex color **BB0060** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BB5B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F85492**, and **7F0032** is the 20% darker color. If you saturate the color by 10%, you get **BB0060**, and if you desaturate by 10%, it is **BB1369**.

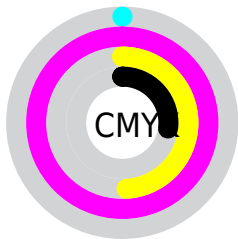
# Distribution



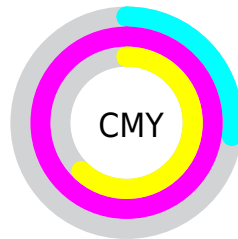
- Red (73%)
- Green (0%)
- Blue (38%)



- Red (73%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB0060 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 BB0060 by changing the saturation by 10% instead.



 BB0060

 BB0060

FFFFFF

 9D0048

 F85492

 7F0032

 FF71AD

 62001E

 FF8EC8

 470003

 FFABE4

 270001

 FFC8FF

 000000

 FFE6FF

 BB0060

 BB1369

 BB2572

 BB387B

 BB4B84

 BB5E8E

 BB7097

 BB83A0

 BB96A9

 BBA8B2

# Harmonies

## Analogous

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



A02C96



BB0060



B7222A

# Triad

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



BB0060



3A6B00



0072BF

# Complementary

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



BB0060



00BB5B

# 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.



007696



BB0060



007224

# Square

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



BB0060



735D00



00765F



0066CF

# Rectangle

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



BB0060



A83B00



00765F



0074B4



# Sweetspot

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



BB0060



F2AACF



5A00BB



7A4E65



FAFafa



7A7A7A



# Same Dimension

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



BB0060



F2007C



BB0003



5E555A



9E0051



1F0010



# Inverse Universe

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



BB0060



F2007C



00BBB8



5E555A



9E0051



1F0010



# Previews

## White Background



This preview shows how the Hex color BB0060 looks on a white background.

## Color Contrast Check

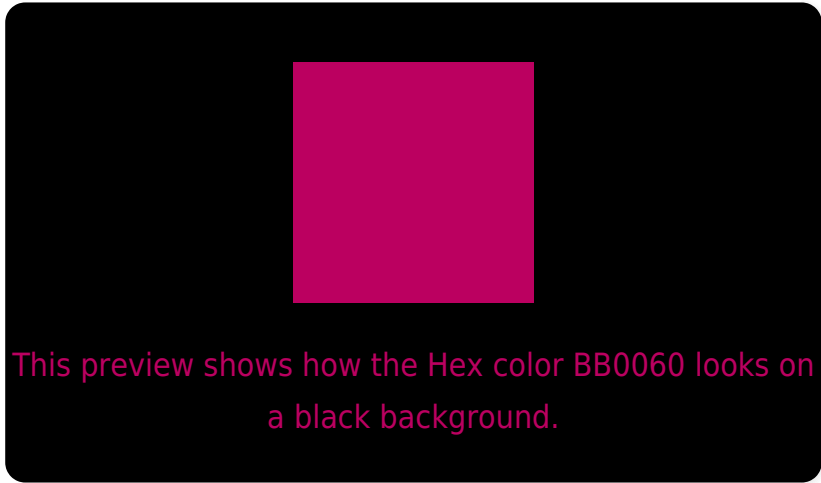
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB0060 Background



This preview shows how black text looks on a background with the Hex color BB0060.



This preview shows how white text looks on a background with the Hex color BB0060.

# 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**  
BB0060



**Protanomaly**  
793D7B



**Deuteranomaly**  
8A3C5B



**Tritanomaly**  
B9183B

# Monochromacy



**Original Color**  
BB0060



**Achromatopsia**  
434343



**Achromatomaly**  
6F2B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB0060 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 #BB0060 looks like.

```
.text, #text, p{  
    color:#BB0060  
}
```

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 #BB0060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB0060
}
```

## Border

The CSS property to change the border of an element to Hex BB0060 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
#BB0060 }
```

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

```
.border{ border-color:#BB0060 }
```

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

Here you see how a box with a 4 pixel #BB0060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB0060; -webkit-box-shadow:4px 4px  
4px 4px #BB0060; box-shadow:4px 4px 4px  
4px #BB0060 }
```

# Background

The CSS property to change the background color of an element to Hex BB0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB0060 }
```

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

```
.background{ background-color:#BB0060 }
```

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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