

# Converting Colors

Hex(BC0651)

Have a look what the booklet for  
Hex(BC0651) contains.

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# Color

**Hex(BC0651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC0651
RGB	188, 6, 81
RGB Percent	74%, 2%, 32%
CMY	0.2627, 0.9765, 0.6824
CMYK	0.00, 0.97, 0.57, 0.26
HSL	335°, 94%, 38%
HSV	335°, 97%, 74%
XYZ	22.2894, 11.4157, 8.8133
YIQ	68.9680, 84.3970, 61.9090

# Conversions

## Conversions Part 2

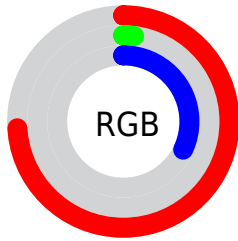
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 6, 81
Decimal	12322385
CIE <sub>Lab</sub>	40.27, 65.78, 10.51
CIE <sub>LCh</sub>	40, 66.617, 9.074
Yxy	11.4157, 0.5242, 0.2685
Android (android.graphics.Color)	4290512465 (0xFFBC0651)
YUV	68.9680, 5.9318, 104.3911
Hunter-Lab	33.7871, 58.6290, 8.1854

# Details

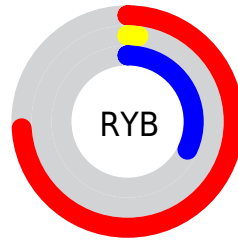
The Hex color **BC0651** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **06BC71**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FA5582**, and **7F0025** is the 20% darker color. If you saturate the color by 10%, you get **BC004D**, and if you desaturate by 10%, it is **BC195C**.

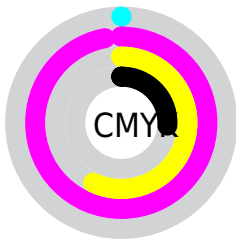
# Distribution



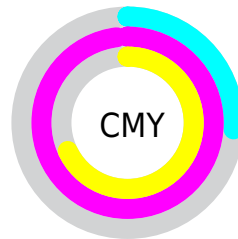
- Red (74%)
- Green (2%)
- Blue (32%)



- Red (74%)
- Yellow (2%)
- Blue (32%)



- Cyan (0%)
- Magenta (97%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC0651 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 BC0651 by changing the saturation by 10% instead.



 BC0651

 BC0651

FFFFFF

 9E003A

 FA5582

 7F0025

 FF729C

 620010

 FF8FB7

 460003

 FFACD2

 250001

 FFC9EE

 000000

 FFE7FF

 BC0651

 BC0651

 BC004D

 BC195C

 BC2C67

 BC3E72

 BC517D

 BC6488

 BC7793

 BC8A9E

 BC9CA9

 BCAFB4

# Harmonies

## Analogous

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



AA2187



BC0651



B12E1C

# Triad

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



BC0651



236E00



006FC6

# Complementary

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



BC0651



06BC71

# 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.



0075A3



BC0651



007435

# Square

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



BC0651



656200



00766F



0061CC

# Rectangle

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



BC0651



9E4400



00766F



0072BD



# Sweetspot

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



BC0651



F5AECB



7006BC



7A5061



FAFafa



7A7A7A



# Same Dimension

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



BC0651



F50065



BC1506



5E5559



9E0041



1F000D



# Inverse Universe

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



BC0651



F50065



06ADBC



5E5559



9E0041



1F000D



# Previews

## White Background



This preview shows how the Hex color BC0651 looks on a white background.

## Color Contrast Check

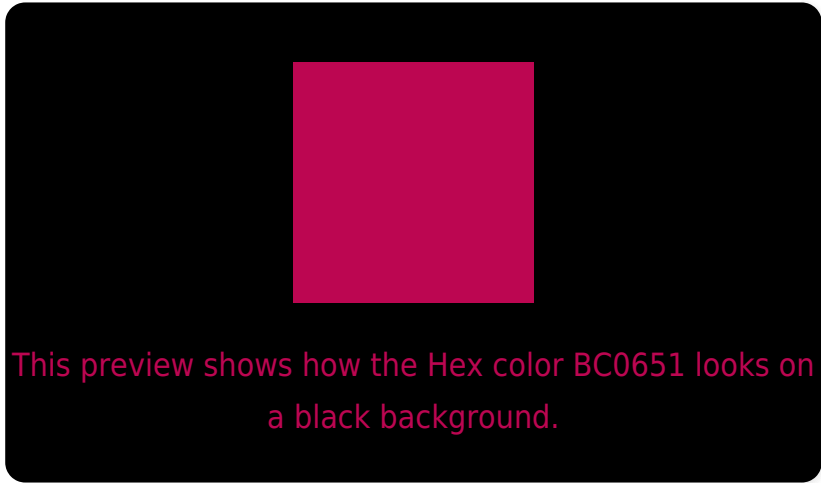
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC0651 Background



This preview shows how black text looks on a background with the Hex color BC0651.

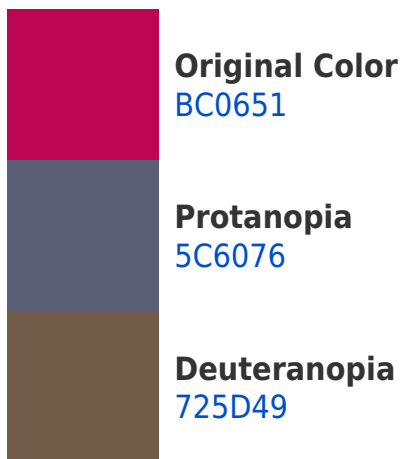


This preview shows how white text looks on a background with the Hex color BC0651.

# 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**  
BC0651



**Protanomaly**  
7F3F69



**Deuteranomaly**  
8D3D4C



**Tritanomaly**  
BB1732

# Monochromacy



**Original Color**  
BC0651



**Achromatopsia**  
454545



**Achromatomaly**  
702E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC0651 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 #BC0651 looks like.

```
.text, #text, p{  
    color:#BC0651  
}
```

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 #BC0651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0651
}
```

## Border

The CSS property to change the border of an element to Hex BC0651 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
#BC0651 }
```

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

```
.border{ border-color:#BC0651 }
```

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

Here you see how a box with a 4 pixel #BC0651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0651; -webkit-box-shadow:4px 4px  
4px 4px #BC0651; box-shadow:4px 4px 4px  
4px #BC0651 }
```

# Background

The CSS property to change the background color of an element to Hex BC0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0651 }
```

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

```
.background{ background-color:#BC0651 }
```

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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