

# Converting Colors

Hex(BC0460)

Have a look what the booklet for  
Hex(BC0460) contains.

<b>Hex(BC0460)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BC0460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC0460
RGB	188, 4, 96
RGB Percent	74%, 2%, 38%
CMY	0.2627, 0.9843, 0.6235
CMYK	0.00, 0.98, 0.49, 0.26
HSL	330°, 96%, 38%
HSV	330°, 98%, 74%
XYZ	22.8938, 11.6227, 12.1031
YIQ	69.5040, 80.1320, 67.6200

# Conversions

## Conversions Part 2

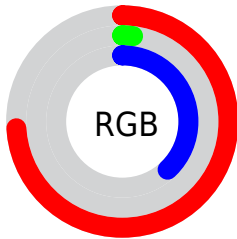
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 4, 96
Decimal	12321888
CIELab	40.61, 67.09, 1.44
CIELCh	41, 67.104, 1.230
Yxy	11.6227, 0.4911, 0.2493
Android (android.graphics.Color)	4290511968 (0xFFBC0460)
YUV	69.5040, 13.0625, 103.9210
Hunter-Lab	34.0921, 60.2063, 2.8158

# Details

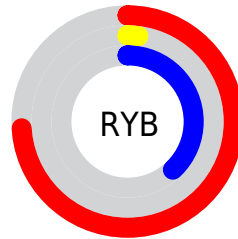
The Hex color **BC0460** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **04BC60**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F95592**, and **800032** is the 20% darker color. If you saturate the color by 10%, you get **BC005E**, and if you desaturate by 10%, it is **BC1769**.

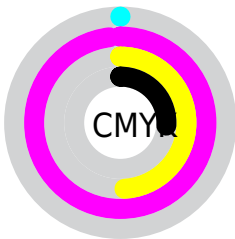
# Distribution



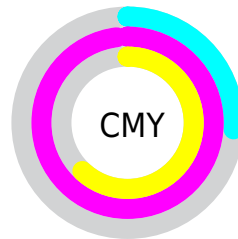
- Red (74%)
- Green (2%)
- Blue (38%)



- Red (74%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (49%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC0460 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 BC0460 by changing the saturation by 10% instead.



 BC0460

 BC0460

FFFFFF

 9E0048

 F95592

 800032

 FF72AD

 63001E

 FF8FC8

 480003

 FFACE4

 280001

 FFCAFF

 000000

 FFE7FF

 BC0460

 BC0460

 BC005E

 BC1769

 BC2A73

 BC3C7C

 BC4F86

 BC628F

 BC7598

 BC88A2

 BC9AAB

 BCADB5

# Harmonies

## Analogous

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



A12D96



BC0460



B8242A

# Triad

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



BC0460



3A6C00



0072C1

# Complementary

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



BC0460



04BC60

# 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.



007798



BC0460



007326

# Square

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



BC0460



735E00



007661



0067CF

# Rectangle

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



BC0460



A83D00



007661



0075B5



# Sweetspot

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



BC0460



F5AED1



6004BC



7A5065



FAFAFA



7A7A7A



# Same Dimension

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



BC0460



F5007A



BC0404



5E555A



9E004F



1F000F



# Inverse Universe

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



BC0460



F5007A



04BCBC



5E555A



9E004F



1F000F



# Previews

## White Background



This preview shows how the Hex color BC0460 looks on a white background.

## Color Contrast Check

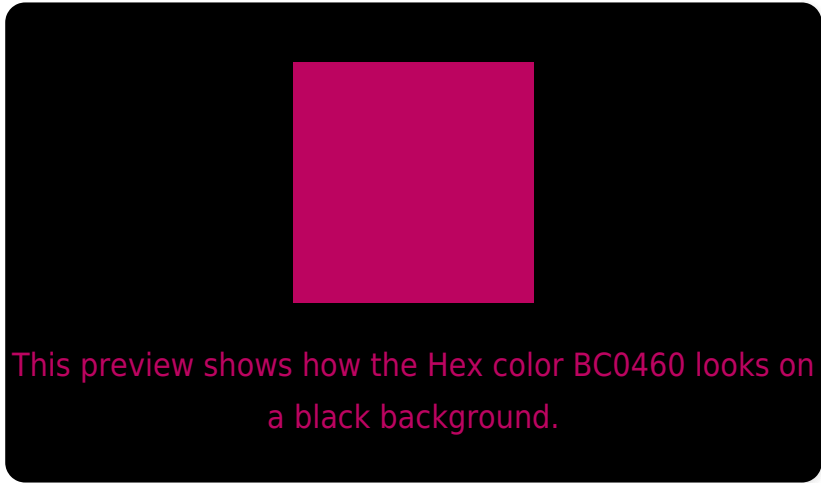
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC0460 Background



This preview shows how black text looks on a background with the Hex color BC0460.




This preview shows how white text looks on a background with the Hex color BC0460.

# 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**  
B92626

# Trichromacy



**Original Color**  
BC0460



**Protanomaly**  
7A3F7B



**Deuteranomaly**  
8B3D5B



**Tritanomaly**  
BA1A3B

# Monochromacy



**Original Color**  
BC0460



**Achromatopsia**  
464646



**Achromatomaly**  
712E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC0460 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 #BC0460 looks like.

```
.text, #text, p{  
    color:#BC0460  
}
```

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 #BC0460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0460
}
```

## Border

The CSS property to change the border of an element to Hex BC0460 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
#BC0460 }
```

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

```
.border{ border-color:#BC0460 }
```

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

Here you see how a box with a 4 pixel #BC0460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0460; -webkit-box-shadow:4px 4px  
4px 4px #BC0460; box-shadow:4px 4px 4px  
4px #BC0460 }
```

# Background

The CSS property to change the background color of an element to Hex BC0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0460 }
```

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

```
.background{ background-color:#BC0460 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor