

# Converting Colors

Hex(BF0C63)

Have a look what the booklet for  
Hex(BF0C63) contains.

<b>Hex(BF0C63)</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(BF0C63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF0C63
RGB	191, 12, 99
RGB Percent	75%, 5%, 39%
CMY	0.2510, 0.9529, 0.6118
CMYK	0.00, 0.94, 0.48, 0.25
HSL	331°, 88%, 40%
HSV	331°, 94%, 75%
XYZ	23.8695, 12.2402, 12.9089
YIQ	75.4390, 78.7570, 65.0050

# Conversions

## Conversions Part 2

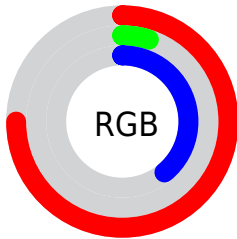
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 12, 99
Decimal	12520547
CIE Lab	41.60, 67.20, 1.05
CIE LCh	42, 67.208, 0.896
Yxy	12.2402, 0.4869, 0.2497
Android (android.graphics.Color)	4290710627 (0xFFBF0C63)
YUV	75.4390, 11.6156, 101.3470
Hunter-Lab	34.9859, 60.5578, 2.6137

# Details

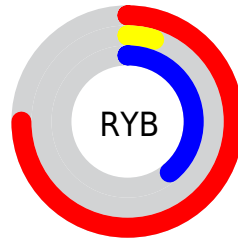
The Hex color **BF0C63** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **0CBF68**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FD5896**, and **830035** is the 20% darker color. If you saturate the color by 10%, you get **BF005D**, and if you desaturate by 10%, it is **BF1F6D**.

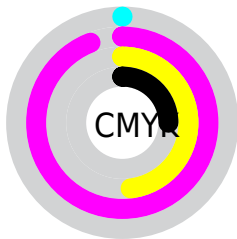
# Distribution



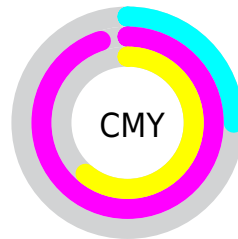
- Red (75%)
- Green (5%)
- Blue (39%)



- Red (75%)
- Yellow (5%)
- Blue (39%)



- Cyan (0%)
- Magenta (94%)
- Yellow (48%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0C63 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 BF0C63 by changing the saturation by 10% instead.



 BF0C63

 BF0C63

FFFFFF

 A1004B

 FD5896

 830035

 FF75B0

 650020

 FF92CB

 4A0007

 FFAFE8

 2B0001

 FFC0FF

 000000

 FFEAFF

 BF0C63

 BF0C63

 BF005D

 BF1F6D

 BF3277

 BF4580

 BF588A

 BF6C94

 BF7F9E

 BF92A8

 BFA5B2

 BFB8BB

# Harmonies

## Analogous

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



A33099



BF0C63



BB272D

# Triad

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



BF0C63



3E6F00



0075C3

# Complementary

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



BF0C63



0CBF68

# 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.



00799A



BF0C63



007627

# Square

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



BF0C63



766100



007962



0069D2

# Rectangle

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



BF0C63



AB3F02



007962



0077B8



# Sweetspot

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



BF0C63



F7B2D4



660CBF



7D5267



FCFCFC



7D7D7D



# Same Dimension

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



BF0C63



F70078



BF0C0C



5E555A



9E004D



1F000F



# Inverse Universe

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



BF0C63



F70078



0CBFBF



5E555A



9E004D



1F000F



# Previews

## White Background



This preview shows how the Hex color BF0C63 looks on a white background.

## Color Contrast Check

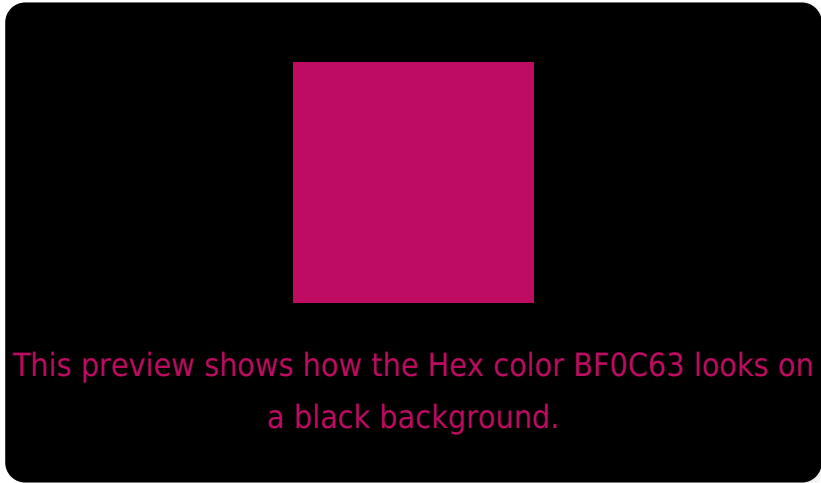
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0C63 Background



This preview shows how black text looks on a background with the Hex color BF0C63.



This preview shows how white text looks on a background with the Hex color BF0C63.

# 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**  
BF0C63



**Protanomaly**  
7C437E



**Deuteranomaly**  
8D415E



**Tritanomaly**  
BD1E3E

# Monochromacy



**Original Color**  
BF0C63



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
753454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0C63 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 #BF0C63 looks like.

```
.text, #text, p{  
    color:#BF0C63  
}
```

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 #BF0C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0C63
}
```

## Border

The CSS property to change the border of an element to Hex BF0C63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

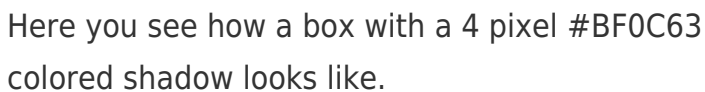
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0C63 }
```

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

```
.border{ border-color:#BF0C63 }
```

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



Here you see how a box with a 4 pixel `#BF0C63` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0C63; -webkit-box-shadow:4px 4px  
4px 4px #BF0C63; box-shadow:4px 4px 4px  
4px #BF0C63 }
```

# Background

The CSS property to change the background color of an element to Hex BF0C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0C63 }
```

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

```
.background{ background-color:#BF0C63 }
```

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