

# Converting Colors

Hex(BF0335)

Have a look what the booklet for  
Hex(BF0335) contains.

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# Color

**Hex(BF0335)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BF0335                    |
| RGB           | 191, 3, 53                |
| RGB Percent   | 75%, 1%, 21%              |
| CMY           | 0.2510, 0.9882, 0.7922    |
| CMYK          | 0.00, 0.98, 0.72, 0.25    |
| HSL           | 344°, 97%, 38%            |
| HSV           | 344°, 98%, 75%            |
| XYZ           | 22.1610, 11.3985, 4.4003  |
| YIQ           | 64.9120, 95.9980, 55.4060 |

# Conversions

## Conversions Part 2

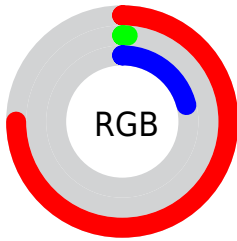
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 191, 3, 53                    |
| Decimal                             | 12518197                      |
| CIE <sub>Lab</sub>                  | 40.24, 65.31, 28.34           |
| CIE <sub>LCh</sub>                  | 40, 71.195, 23.456            |
| Yxy                                 | 11.3985, 0.5838,<br>0.3003    |
| Android<br>(android.graphics.Color) | 4290708277<br>(0xFFBF0335)    |
| YUV                                 | 64.9120, -5.8726,<br>110.5792 |
| Hunter-Lab                          | 33.7617, 58.0835,<br>15.9057  |

# Details

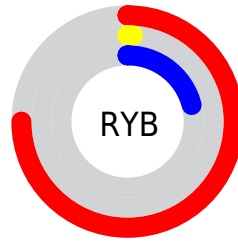
The Hex color **BF0335** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **03BF8D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5463**, and **81000B** is the 20% darker color. If you saturate the color by 10%, you get **BF0033**, and if you desaturate by 10%, it is **BF1643**.

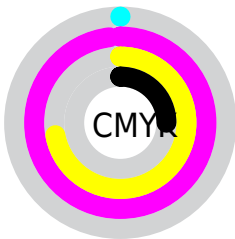
# Distribution



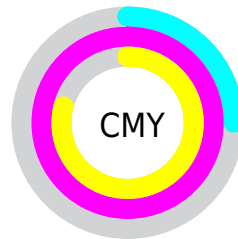
- Red (75%)
- Green (1%)
- Blue (21%)



- Red (75%)
- Yellow (1%)
- Blue (21%)



- Cyan (0%)
- Magenta (98%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (99%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0335 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 BF0335 by changing the saturation by 10% instead.



 BF0335

 BF0335

FFFFFF

 A00020

 FF5463

 81000B

 FF717C

 620000

 FF8E96

 460003

 FFABB1

 250001

 FFC8CC

 000000

 FFE6E8

 BF0335

 BF0335

 BF0033

 BF1643

 BF2951

 BF3C5F

 BF4F6D

 BF627B

 BF7689

 BF8997

 BF9CA5

 BFAFB3

# Harmonies

## Analogous

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



BC006E



BF0335



A83B00

# Triad

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



BF0335



007209



006BD4

# Complementary

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



BF0335



03BF8D

# 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.



0074BD



BF0335



007650

# Square

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



BF0335



486900



00778C



2B55CB

# Rectangle

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



BF0335



8E5000



00778C



006FD0



# Sweetspot

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



BF0335



F7ADC1



8D03BF



7D505C



FCFCFC



7D7D7D



# Same Dimension

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



BF0335



F70042



BF2F03



5E5557



9E002A



1F0008



# Inverse Universe

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



BF0335



F70042



0393BF



5E5557



9E002A



1F0008



# Previews

## White Background



This preview shows how the Hex color BF0335 looks on a white background.

## Color Contrast Check

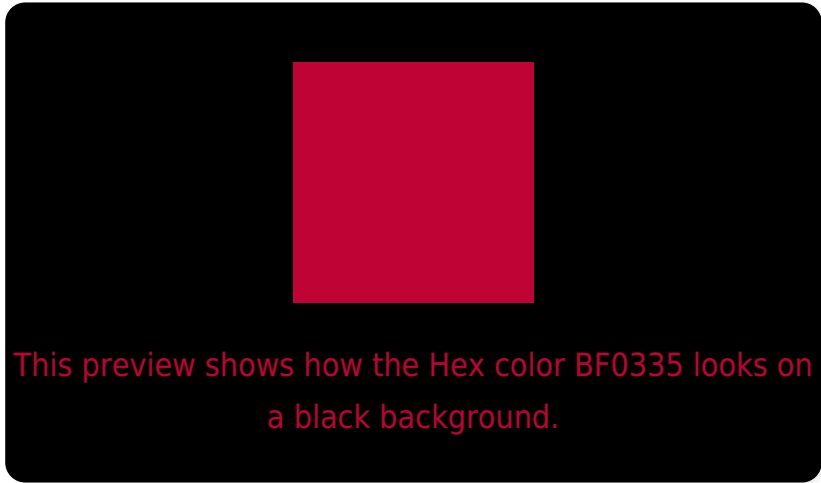
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0335 Background



This preview shows how black text looks on a background with the Hex color BF0335.

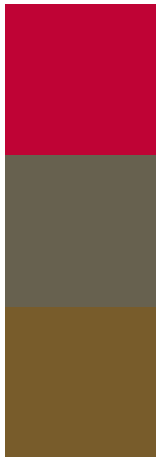


This preview shows how white text looks on a background with the Hex color BF0335.

# 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



**Original Color**  
BF0335

**Protanopia**  
67614F

**Deuteranopia**  
785C2B



**Tritanopia**  
BE1610

# Trichromacy



**Original Color**  
BF0335

**Protanomaly**  
873F46

**Deuteranomaly**  
923C2F

**Tritanomaly**  
BE0F1D

# Monochromacy



**Original Color**  
BF0335

**Achromatopsia**  
414141

**Achromatomaly**  
6F2A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0335 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 #BF0335 looks like.

```
.text, #text, p{  
    color:#BF0335  
}
```

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 #BF0335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0335
}
```

## Border

The CSS property to change the border of an element to Hex BF0335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

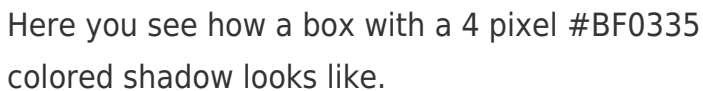
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0335 }
```

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

```
.border{ border-color:#BF0335 }
```

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



Here you see how a box with a 4 pixel `#BF0335` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0335; -webkit-box-shadow:4px 4px  
4px 4px #BF0335; box-shadow:4px 4px 4px  
4px #BF0335 }
```

# Background

The CSS property to change the background color of an element to Hex BF0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0335 }
```

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

```
.background{ background-color:#BF0335 }
```

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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