

# Converting Colors

Hex(BF0053)

Have a look what the booklet for  
Hex(BF0053) contains.

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# Color

**Hex(BF0053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF0053
RGB	191, 0, 83
RGB Percent	75%, 0%, 33%
CMY	0.2510, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.57, 0.25
HSL	334°, 100%, 37%
HSV	334°, 100%, 75%
XYZ	23.0472, 11.7009, 9.2274
YIQ	66.5710, 87.1930, 66.3050

# Conversions

## Conversions Part 2

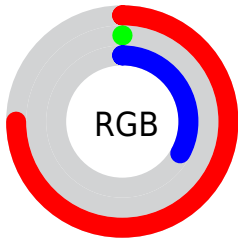
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 0, 83
Decimal	12517459
CIE Lab	40.74, 67.24, 9.97
CIE LCh	41, 67.971, 8.437
Yxy	11.7009, 0.5241, 0.2661
Android (android.graphics.Color)	4290707539 (0xFFBF0053)
YUV	66.5710, 8.0995, 109.1242
Hunter-Lab	34.2066, 60.4055, 7.9508

# Details

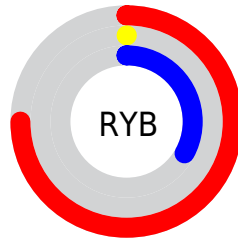
The Hex color **BF0053** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00BF6C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FD5484**, and **820027** is the 20% darker color. If you saturate the color by 10%, you get **BF0053**, and if you desaturate by 10%, it is **BF135E**.

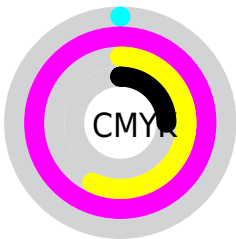
# Distribution



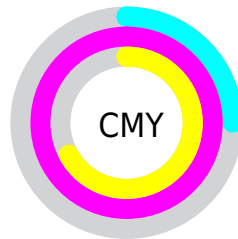
- Red (75%)
- Green (0%)
- Blue (33%)



- Red (75%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0053 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 BF0053 by changing the saturation by 10% instead.



 BF0053

 BF0053

FFFFFF

 A0003C

 FD5484

 820027

 FF729E

 640013

 FF8FB9

 480003

 FFACD4

 280001

 FFC9F1

 000000

 FFE7FF

 BF0053

 BF135E

 BF2669

 BF3973

 BF4C7E

 BF6089

 BF7394

 BF869F

 BF99A9

 BFACB4

# Harmonies

## Analogous

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



AC218A



BF0053



B42D1D

# Triad

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



BF0053



256F00



0071C9

# Complementary

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



BF0053



00BF6C

# 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.



0077A5



BF0053



007534

# Square

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



BF0053



686300



00776F



0062D0

# Rectangle

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



BF0053



A14400



00776F



0074BF



# Sweetspot

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



BF0053



F7ADCD



6900BF



7D5064



FCFCFC



7D7D7D



# Same Dimension

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



BF0053



F7006B



BF0A00



5E5559



9E0045



1F000D



# Inverse Universe

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



BF0053



F7006B



00B5BF



5E5559



9E0045



1F000D



# Previews

## White Background



This preview shows how the Hex color BF0053 looks on a white background.

## Color Contrast Check

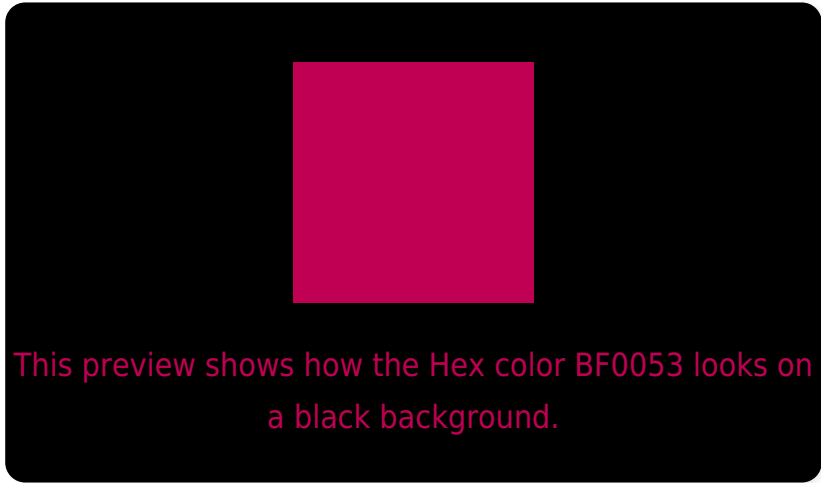
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0053 Background



This preview shows how black text looks on a background with the Hex color BF0053.



This preview shows how white text looks on a background with the Hex color BF0053.

# 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**  
BF0053

**Protanopia**  
5D6279

**Deuteranopia**  
745F4B



# Trichromacy



**Original Color**  
BF0053



**Protanomaly**  
813E6B



**Deuteranomaly**  
8F3C4E



**Tritanomaly**  
BE1533

# Monochromacy



**Original Color**  
BF0053



**Achromatopsia**  
434343



**Achromatomaly**  
702B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0053 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 #BF0053 looks like.

```
.text, #text, p{  
    color:#BF0053  
}
```

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 #BF0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0053
}
```

## Border

The CSS property to change the border of an element to Hex BF0053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

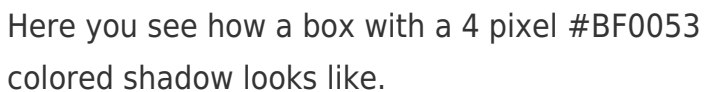
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0053 }
```

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

```
.border{ border-color:#BF0053 }
```

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



Here you see how a box with a 4 pixel `#BF0053` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0053; -webkit-box-shadow:4px 4px  
4px 4px #BF0053; box-shadow:4px 4px 4px  
4px #BF0053 }
```

# Background

The CSS property to change the background color of an element to Hex BF0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0053 }
```

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

```
.background{ background-color:#BF0053 }
```

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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