

# Converting Colors

Hex(BF0023)

Have a look what the booklet for  
Hex(BF0023) contains.

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# Color

**Hex(BF0023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF0023
RGB	191, 0, 35
RGB Percent	75%, 0%, 14%
CMY	0.2510, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.82, 0.25
HSL	349°, 100%, 37%
HSV	349°, 100%, 75%
XYZ	21.7892, 11.1977, 2.6031
YIQ	61.0990, 102.6010, 51.3770

# Conversions

## Conversions Part 2

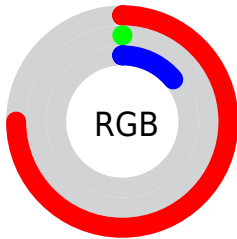
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	191, 0, 35
Decimal	12517411
CIE Lab	39.91, 65.01, 38.78
CIE LCh	40, 75.703, 30.818
Yxy	11.1977, 0.6122, 0.3146
Android (android.graphics.Color)	4290707491 (0xFFBF0023)
YUV	61.0990, -12.8668, 113.9232
Hunter-Lab	33.4630, 57.6690, 18.8120

# Details

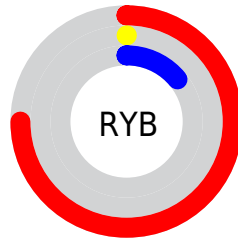
The Hex color **BF0023** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00BF9C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF5350**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF0023**, and if you desaturate by 10%, it is **BF1333**.

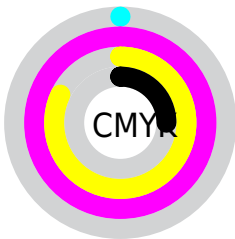
# Distribution



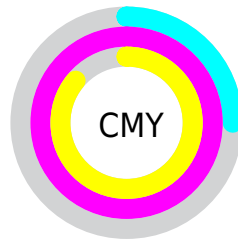
- Red (75%)
- Green (0%)
- Blue (14%)



- Red (75%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0023 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 BF0023 by changing the saturation by 10% instead.



 BF0023

 BF0023

FFFFFF

 9F000E

 FF5350

 800000

 FF7069

 610000

 FF8D82

 450003

 FFAA9C

 230001

 FFC7B7

 000000

 FFE4D3

 FFFFEE

 BF0023

 BF1333

 BF2642

 BF3952

 BF4C61

 BF6071

 BF7381

 BF8690

 BF99A0

 BFACAF

# Harmonies

## Analogous

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



C4005F



BF0023



A14000

# Triad

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



BF0023



007319



0067DC

# Complementary

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



BF0023



00BF9C

# 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.



0073CB



BF0023



00765E

# Square

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



BF0023



316C00



00779D



514CCA

# Rectangle

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



BF0023



835500



00779D



006CDA



# Sweetspot

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



BF0023



F7ADBB



9C00BF



7D5058



FCFCFC



7D7D7D



# Same Dimension

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



BF0023



F7002D



BF3C00



5E5557



9E001D



1F0006



# Inverse Universe

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



BF0023



F7002D



0083BF



5E5557



9E001D



1F0006



# Previews

## White Background



This preview shows how the Hex color BF0023 looks on a white background.

## Color Contrast Check

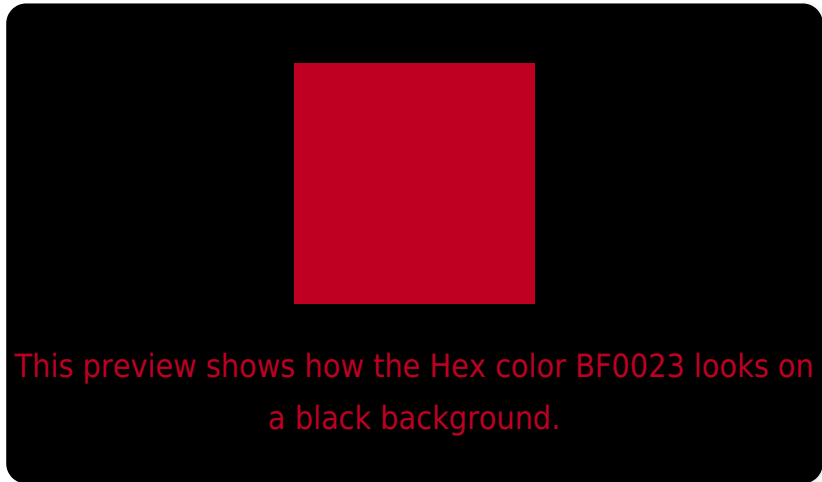
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0023 Background



This preview shows how black text looks on a background with the Hex color BF0023.



This preview shows how white text looks on a background with the Hex color BF0023.

# 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**  
BF0023

**Protanopia**  
6A6137

**Deuteranopia**  
7A5C12



# Trichromacy



**Original Color**  
BF0023

**Protanomaly**  
893E30

**Deuteranomaly**  
933B18

**Tritanomaly**  
BE0B0D

# Monochromacy



**Original Color**  
BF0023

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
6C2734

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0023 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 #BF0023 looks like.

```
.text, #text, p{  
    color:#BF0023  
}
```

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 #BF0023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0023
}
```

## Border

The CSS property to change the border of an element to Hex BF0023 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".

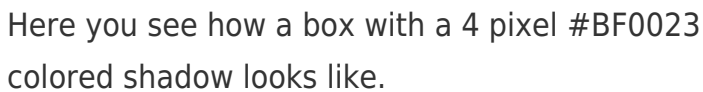
```
.border, #border, table{ border:4px solid
#BF0023 }
```

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

```
.border{ border-color:#BF0023 }
```

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

Here you see how a box with a 4 pixel #BF0023 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The text inside the box is "Here you see how a box with a 4 pixel #BF0023 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0023; -webkit-box-shadow:4px 4px  
4px 4px #BF0023; box-shadow:4px 4px 4px  
4px #BF0023 }
```

# Background

The CSS property to change the background color of an element to Hex BF0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0023 }
```

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

```
.background{ background-color:#BF0023 }
```

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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