

# Converting Colors

Hex(BF0238)

Have a look what the booklet for  
Hex(BF0238) contains.

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# Color

**Hex(BF0238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF0238
RGB	191, 2, 56
RGB Percent	75%, 1%, 22%
CMY	0.2510, 0.9922, 0.7804
CMYK	0.00, 0.99, 0.71, 0.25
HSL	343°, 98%, 38%
HSV	343°, 99%, 75%
XYZ	22.2214, 11.4053, 4.7716
YIQ	64.6670, 95.3100, 56.8620

# Conversions

## Conversions Part 2

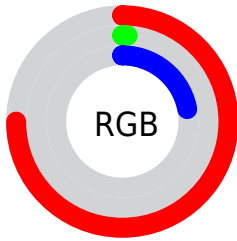
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 2, 56
Decimal	12517944
CIE <sub>Lab</sub>	40.25, 65.54, 26.48
CIE <sub>LCh</sub>	40, 70.690, 21.998
Yxy	11.4053, 0.5787, 0.2970
Android (android.graphics.Color)	4290708024 (0xFFBF0238)
YUV	64.6670, -4.2728, 110.7940
Hunter-Lab	33.7717, 58.3502, 15.2631

# Details

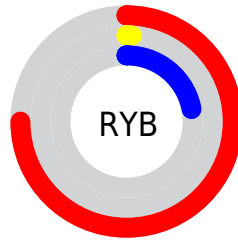
The Hex color **BF0238** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **02BF89**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FE5467**, and **81000F** is the 20% darker color. If you saturate the color by 10%, you get **BF0037**, and if you desaturate by 10%, it is **BF1546**.

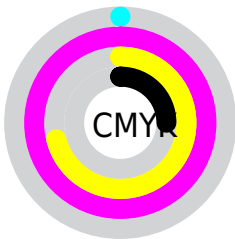
# Distribution



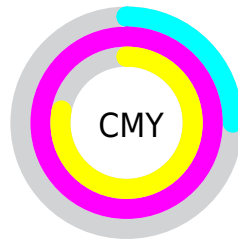
- Red (75%)
- Green (1%)
- Blue (22%)



- Red (75%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (71%)
- Black (25%)



- Cyan (25%)
- Magenta (99%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0238 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 BF0238 by changing the saturation by 10% instead.



 BF0238

 BF0238

FFFFFF

 A00023

 FE5467

 81000F

 FF7180

 620000

 FF8E99

 460003

 FFABB4

 250001

 FFC8D0

 000000

 FFE6EC

 BF0238

 BF0238

 BF0037

 BF1546

 BF2853

 BF3B61

 BF4E6F

 BF627C

 BF758A

 BF8898

 BF9BA5

 BFAEB3

# Harmonies

## Analogous

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



BA0071



BF0238



A93A00

# Triad

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



BF0238



007205



006BD3

# Complementary

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



BF0238



02BF89

# 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.



0074BA



BF0238



00764D

# Square

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



BF0238



4C6800



007789



1E57CC

# Rectangle

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



BF0238



904F00



007789



006FCE



# Sweetspot

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



BF0238



F7ADC2



8602BF



7D505D



FCFCFC



7D7D7D



# Same Dimension

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



BF0238



F70047



BF2802



5E5558



9E002D



1F0009



# Inverse Universe

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



BF0238



F70047



0299BF



5E5558



9E002D



1F0009



# Previews

## White Background



This preview shows how the Hex color BF0238 looks on a white background.

## Color Contrast Check

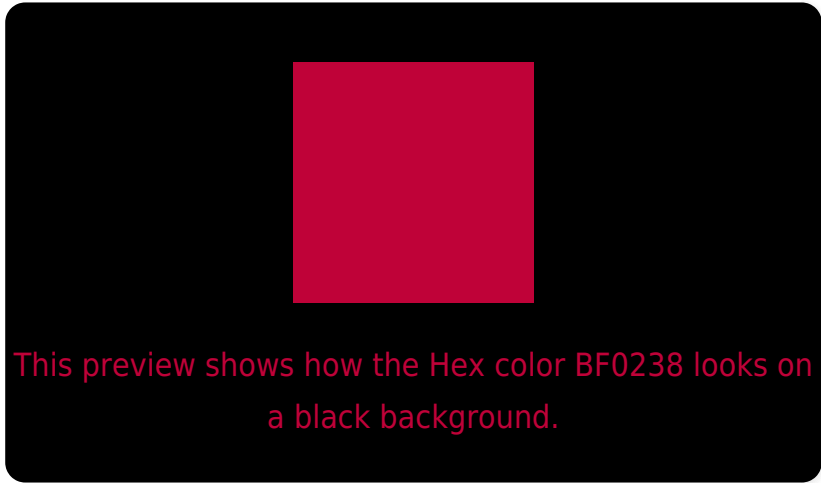
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0238 Background



This preview shows how black text looks on a background with the Hex color BF0238.

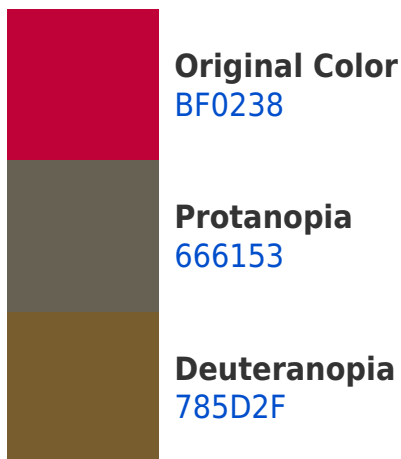


This preview shows how white text looks on a background with the Hex color BF0238.

# Color Blindness Simulation

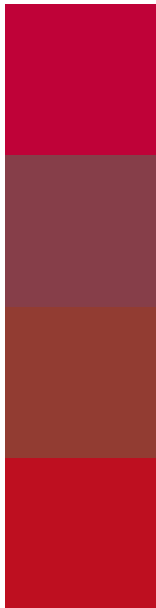
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BF0238

**Protanomaly**  
863E49

**Deuteranomaly**  
923C32

**Tritanomaly**  
BE0F20

# Monochromacy



**Original Color**  
BF0238

**Achromatopsia**  
414141

**Achromatomaly**  
6F2A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0238 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 #BF0238 looks like.

```
.text, #text, p{  
    color:#BF0238  
}
```

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 #BF0238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0238
}
```

## Border

The CSS property to change the border of an element to Hex BF0238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

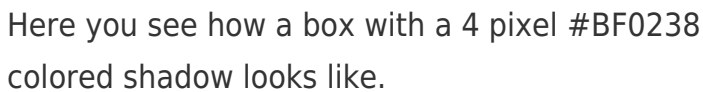
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0238 }
```

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

```
.border{ border-color:#BF0238 }
```

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



Here you see how a box with a 4 pixel `#BF0238` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0238; -webkit-box-shadow:4px 4px  
4px 4px #BF0238; box-shadow:4px 4px 4px  
4px #BF0238 }
```

# Background

The CSS property to change the background color of an element to Hex BF0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0238 }
```

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

```
.background{ background-color:#BF0238 }
```

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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