

Converting Colors

Hex(BF002B)

Have a look what the booklet for
Hex(BF002B) contains.

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Color

Hex(BF002B)

Conversions

Conversions Part 1

Format	Color
Hex	BF002B
RGB	191, 0, 43
RGB Percent	75%, 0%, 17%
CMY	0.2510, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.77, 0.25
HSL	346°, 100%, 37%
HSV	346°, 100%, 75%
XYZ	21.9219, 11.2508, 3.3017
YIQ	62.0110, 100.0330, 53.8650

Conversions

Conversions Part 2

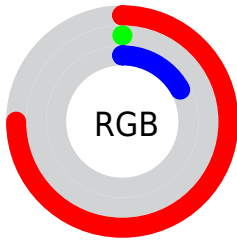
Format	Color
R_{YB}	191, 0, 43
Decimal	12517419
CIE Lab	40.00, 65.25, 34.18
CIE LCh	40, 73.665, 27.648
Yxy	11.2508, 0.6010, 0.3085
Android (android.graphics.Color)	4290707499 (0xFFBF002B)
YUV	62.0110, -9.3724, 113.1234
Hunter-Lab	33.5422, 57.9620, 17.6434

Details

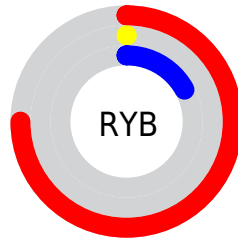
The Hex color **BF002B** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00BF94**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **FF5359**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **BF002B**, and if you desaturate by 10%, it is **BF133A**.

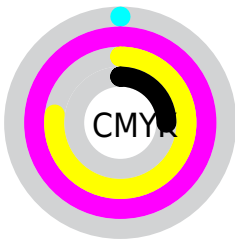
Distribution



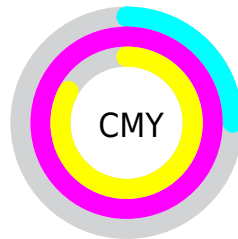
- Red (75%)
- Green (0%)
- Blue (17%)



- Red (75%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF002B 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 BF002B by changing the saturation by 10% instead.

 BF002B

 BF002B

FFFFFF

 9F0016

 FF5359

 810000

 FF7071

 610000

 FF8D8B

 450003

 FFAAA5

 240001

 FFC7C0

 000000

 FFE5DC

 FFFFF9

 BF002B

 BF133A

 BF2649

 BF3957

 BF4C66

 BF6075

 BF7384

 BF8693

 BF99A1

 BFACB0

Harmonies

Analogous

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



C00066



BF002B



A43E00

Triad

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



BF002B



007213



0068D9

Complementary

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



BF002B



00BF94

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.



0073C5



BF002B



007658

Square

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



BF002B



3C6B00



007795



4250CB

Rectangle

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



BF002B



885300



007795



006DD6

Sweetspot

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



BF002B



F7ADBE



9200BF



7D505A



FCFCFC



7D7D7D

Same Dimension

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



BF002B



F70038



BF3300



5E5557



9E0024



1F0007

Inverse Universe

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



BF002B



F70038



008CBF



5E5557



9E0024



1F0007

Previews

White Background



This preview shows how the Hex color BF002B looks on a white background.

Color Contrast Check

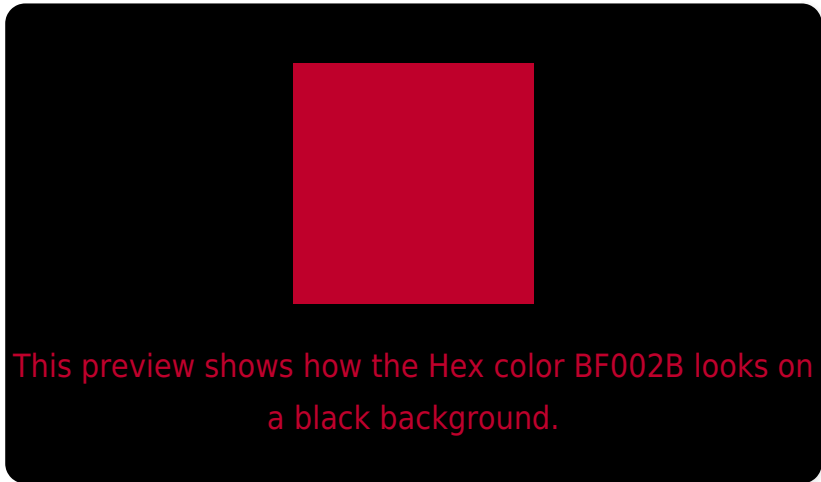
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF002B Background



This preview shows how black text looks on a background with the Hex color BF002B.



This preview shows how white text looks on a background with the Hex color BF002B.

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
BF002B

Protanopia
696142

Deuteranopia
795C1F

Trichromacy



Original Color
BF002B

Protanomaly
883E3A

Deuteranomaly
923B23

Tritanomaly
BE0B15

Monochromacy



Original Color
BF002B

Achromatopsia
3E3E3E

Achromatomaly
6D2737

CSS Examples

Text

The CSS property to change the color of the text to Hex BF002B 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 #BF002B looks like.

```
.text, #text, p{  
    color:#BF002B  
}
```

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 #BF002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF002B
}
```

Border

The CSS property to change the border of an element to Hex BF002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

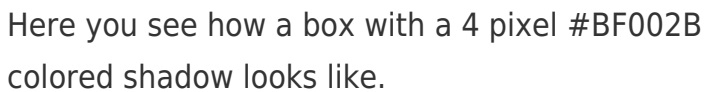
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF002B }
```

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

```
.border{ border-color:#BF002B }
```

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



Here you see how a box with a 4 pixel `#BF002B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF002B; -webkit-box-shadow:4px 4px  
4px 4px #BF002B; box-shadow:4px 4px 4px  
4px #BF002B }
```

Background

The CSS property to change the background color of an element to Hex BF002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF002B }
```

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

```
.background{ background-color:#BF002B }
```

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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