

Converting Colors

Hex(BF002E)

Have a look what the booklet for
Hex(BF002E) contains.

Hex(BF002E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BF002E)

Conversions

Conversions Part 1

Format	Color
Hex	BF002E
RGB	191, 0, 46
RGB Percent	75%, 0%, 18%
CMY	0.2510, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.76, 0.25
HSL	346°, 100%, 37%
HSV	346°, 100%, 75%
XYZ	21.9790, 11.2736, 3.6024
YIQ	62.3530, 99.0700, 54.7980

Conversions

Conversions Part 2

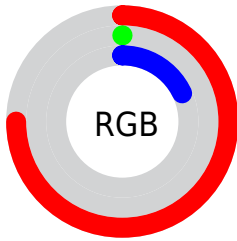
Format	Color
RYB	191, 0, 46
Decimal	12517422
CIELab	40.04, 65.36, 32.41
CIELCh	40, 72.951, 26.377
Yxy	11.2736, 0.5964, 0.3059
Android (android.graphics.Color)	4290707502 (0xFFBF002E)
YUV	62.3530, -8.0620, 112.8234
Hunter-Lab	33.5762, 58.0878, 17.1422

Details

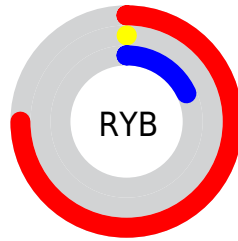
The Hex color **BF002E** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00BF91**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **FF535C**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **BF002E**, and if you desaturate by 10%, it is **BF133C**.

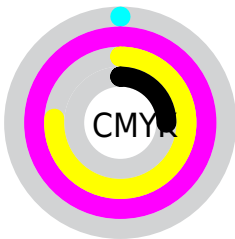
Distribution



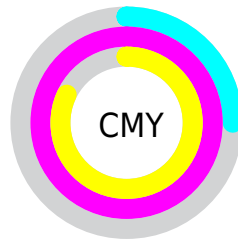
- Red (75%)
- Green (0%)
- Blue (18%)



- Red (75%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color BF002E 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 BF002E by changing the saturation by 10% instead.

 BF002E

 BF002E

FFFFFF

 A00019

 FF535C

 810000

 FF7074

 610000

 FF8D8E

 450003

 FFAAA8

 240001

 FFC7C4

 000000

 FFE5E0

FFFFFFC

 BF002E

 BF133C

 BF264B

 BF395A

 BF4C68

 BF6076

 BF7385

 BF8693

 BF99A2

 BFACB1

Harmonies

Analogous

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



BF0068



BF002E



A53D00

Triad

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



BF002E



007210



0069D7

Complementary

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



BF002E



00BF91

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.



0074C2



BF002E



007655

Square

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



BF002E



406A00



007792



3C52CB

Rectangle

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



BF002E



8A5200



007792



006ED4

Sweetspot

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



BF002E



F7ADBF



8F00BF



7D505B



FCFCFC



7D7D7D

Same Dimension

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



BF002E



F7003C



BF3000



5E5557



9E0026



1F0007

Inverse Universe

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



BF002E



F7003C



008FBF



5E5557



9E0026



1F0007

Previews

White Background



This preview shows how the Hex color BF002E looks on a white background.

Color Contrast Check

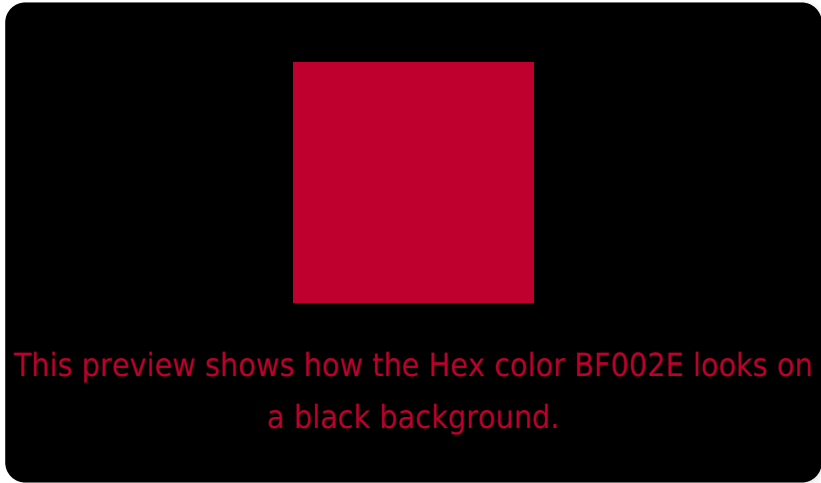
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF002E Background



This preview shows how black text looks on a background with the Hex color BF002E.

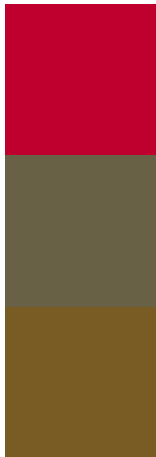


This preview shows how white text looks on a background with the Hex color BF002E.

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
BF002E

Protanopia
686146

Deuteranopia
795C23

Trichromacy



Original Color
BF002E

Protanomaly
883E3D

Deuteranomaly
923B27

Tritanomaly
BE0C18

Monochromacy



Original Color
BF002E

Achromatopsia
3E3E3E

Achromatomaly
6D2738

CSS Examples

Text

The CSS property to change the color of the text to Hex BF002E 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 #BF002E looks like.

```
.text, #text, p{  
    color:#BF002E  
}
```

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 #BF002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF002E
}
```

Border

The CSS property to change the border of an element to Hex BF002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

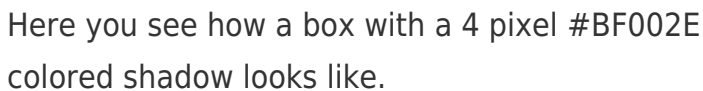
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF002E }
```

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

```
.border{ border-color:#BF002E }
```

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



Here you see how a box with a 4 pixel `#BF002E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF002E; -webkit-box-shadow:4px 4px  
4px 4px #BF002E; box-shadow:4px 4px 4px  
4px #BF002E }
```

Background

The CSS property to change the background color of an element to Hex BF002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF002E }
```

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

```
.background{ background-color:#BF002E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor