

Converting Colors

Hex(EF002B)

Have a look what the booklet for
Hex(EF002B) contains.

Hex(EF002B)	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(EF002B)

Conversions

Conversions Part 1

Format	Color
Hex	EF002B
RGB	239, 0, 43
RGB Percent	94%, 0%, 17%
CMY	0.0627, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.82, 0.06
HSL	349°, 100%, 47%
HSV	349°, 100%, 94%
XYZ	36.0326, 18.5251, 3.9621
YIQ	76.3630, 128.6410, 64.0410

Conversions

Conversions Part 2

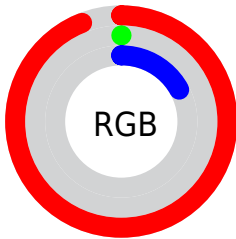
Format	Color
RYB	239, 0, 43
Decimal	15663147
CIELab	50.13, 76.84, 47.74
CIElCh	50, 90.463, 31.850
Yxy	18.5251, 0.6157, 0.3166
Android (android.graphics.Color)	4293853227 (0xFFEF002B)
YUV	76.3630, -16.4480, 142.6326
Hunter-Lab	43.0408, 74.1140, 24.6707

Details

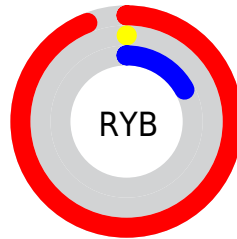
The Hex color **EF002B** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00EFC4**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5E5A**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **EF002B**, and if you desaturate by 10%, it is **EF183F**.

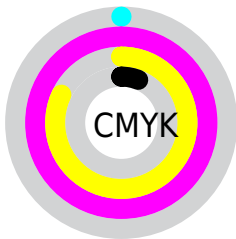
Distribution



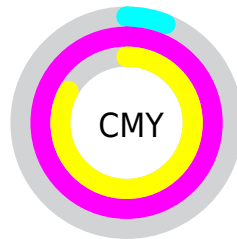
- Red (94%)
- Green (0%)
- Blue (17%)



- Red (94%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF002B 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 EF002B by changing the saturation by 10% instead.

 EF002B

 EF002B

FFFFFF

 CE0015

 FF5E5A

 AD0000

 FF7D73

 8C0000

 FF9B8C

 6C0002

 FFB9A7

 4E0004

 FFD7C2

 2E0002

 FFF5DF

 000000

 FFFFFB

 EF002B

 EF183F

 EF3052

 EF4866

 EF6079

 EF778D

 EF8FA1

 EFA7B4

 EFBFC8

 EFD7DB

Harmonies

Analogous

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



F70076



EF002B



C85400

Triad

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



EF002B



009225



0081FF

Complementary

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



EF002B



00EFC4

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.



0091FF



EF002B



00957A

Square

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



EF002B



398900



0096C8



6C5FFD

Rectangle

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



EF002B



A36D00



0096C8



0088FF

Sweetspot

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



EF002B



FFB3C0



C300EF



80525A



000000



808080

Same Dimension

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



EF002B



FF002E



EF4C00



786C6E



B80021



38000A

Inverse Universe

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



EF002B



FF002E



00A3EF



786C6E



B80021



38000A

Previews

White Background



This preview shows how the Hex color EF002B looks on a white background.

Color Contrast Check

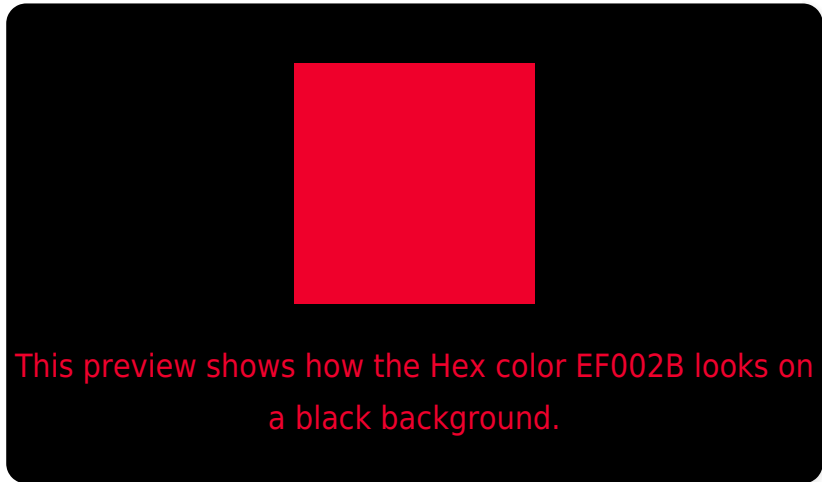
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EF002B Background



This preview shows how black text looks on a background with the Hex color EF002B.



This preview shows how white text looks on a background with the Hex color EF002B.

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
EF002B

Protanopia
857944

Deuteranopia
997315



Trichromacy



Original Color
EF002B



Protanomaly
AC4D3B



Deuteranomaly
B8491D



Tritanomaly
EE0D10

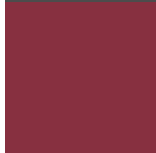
Monochromacy



Original Color
EF002B



Achromatopsia
4C4C4C



Achromatomaly
873040

CSS Examples

Text

The CSS property to change the color of the text to Hex EF002B 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 #EF002B looks like.

```
.text, #text, p{  
    color:#EF002B  
}
```

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 #EF002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF002B
}
```

Border

The CSS property to change the border of an element to Hex EF002B 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".

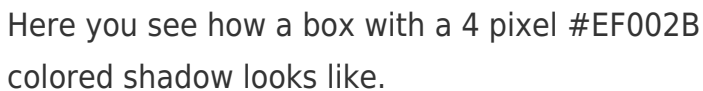
```
.border, #border, table{ border:4px solid
#EF002B }
```

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

```
.border{ border-color:#EF002B }
```

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

Here you see how a box with a 4 pixel #EF002B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF002B; -webkit-box-shadow:4px 4px  
4px 4px #EF002B; box-shadow:4px 4px 4px  
4px #EF002B }
```

Background

The CSS property to change the background color of an element to Hex EF002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF002B }
```

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

```
.background{ background-color:#EF002B }
```

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