

Converting Colors

Hex(EB002F)

Have a look what the booklet for
Hex(EB002F) contains.

Hex(EB002F)	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(EB002F)

Conversions

Conversions Part 1

Format	Color
Hex	EB002F
RGB	235, 0, 47
RGB Percent	92%, 0%, 18%
CMY	0.0784, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.80, 0.08
HSL	348°, 100%, 46%
HSV	348°, 100%, 92%
XYZ	34.7740, 17.8674, 4.3053
YIQ	75.6230, 124.9730, 64.4370

Conversions

Conversions Part 2

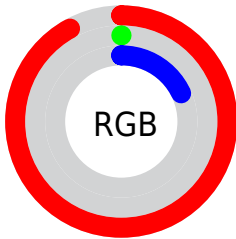
Format	Color
RYB	235, 0, 47
Decimal	15401007
CIELab	49.33, 75.99, 44.51
CIELCh	49, 88.069, 30.358
Yxy	17.8674, 0.6106, 0.3138
Android (android.graphics.Color)	4293591087 (0xFFEB002F)
YUV	75.6230, -14.1111, 139.7736
Hunter-Lab	42.2699, 72.8739, 23.5501

Details

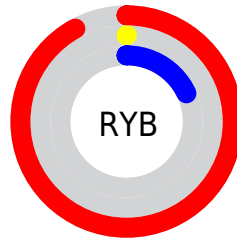
The Hex color **EB002F** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00EBBC**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D5E**, and **A90003** is the 20% darker color. If you saturate the color by 10%, you get **EB002F**, and if you desaturate by 10%, it is **EB1742**.

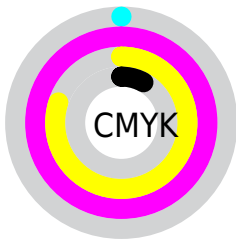
Distribution



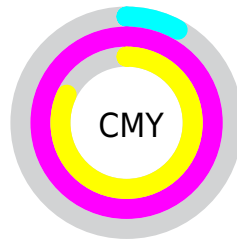
- Red (92%)
- Green (0%)
- Blue (18%)



- Red (92%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB002F 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 EB002F by changing the saturation by 10% instead.

 EB002F

 EB002F

FFFFFF

 CA0019

 FF5D5E

 A90003

 FF7C77

 890000

 FF9A91

 690002

 FFB8AB

 4B0004

 FFD6C7

 2B0001

 FFF4E3

 000000

 EB002F

 EB1742

 EB2F55

 EB4767

 EB5E7A

 EB768D

 EB8DA0

 EBA4B3

 EBBCC5

 EBD3D8

Harmonies

Analogous

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



F00078



EB002F



C75100

Triad

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



EB002F



008F20



0080FF

Complementary

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



EB002F



00EBBC

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.



008FF9



EB002F



009374

Square

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



EB002F



408600



0093C0



6360F9

Rectangle

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



EB002F



A36A00



0093C0



0086FF

Sweetspot

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



EB002F



FFB3C2



BC00EB



80525B



000000



808080

Same Dimension

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



EB002F



FF0033



EB4700



756A6C



B50024



36000B

Inverse Universe

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



EB002F



FF0033



00A4EB



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color EB002F 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 ✓ 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 EB002F Background



This preview shows how black text looks on a background with the Hex color EB002F.



This preview shows how white text looks on a background with the Hex color EB002F.

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
EB002F

Protanopia
827749

Deuteranopia
96711D



Tritanopia
EA1500

Trichromacy



Original Color
EB002F



Protanomaly
A84C40



Deuteranomaly
B54824



Tritanomaly
EA0D11

Monochromacy



Original Color
EB002F



Achromatopsia
4C4C4C



Achromatomaly
863041

CSS Examples

Text

The CSS property to change the color of the text to Hex EB002F 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 #EB002F looks like.

```
.text, #text, p{  
    color:#EB002F  
}
```

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 #EB002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB002F
}
```

Border

The CSS property to change the border of an element to Hex EB002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

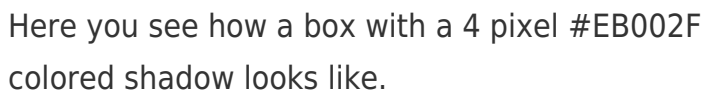
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB002F }
```

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

```
.border{ border-color:#EB002F }
```

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



Here you see how a box with a 4 pixel `#EB002F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB002F; -webkit-box-shadow:4px 4px  
4px 4px #EB002F; box-shadow:4px 4px 4px  
4px #EB002F }
```

Background

The CSS property to change the background color of an element to Hex EB002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB002F }
```

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

```
.background{ background-color:#EB002F }
```

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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