

Converting Colors

Hex(EB002D)

Have a look what the booklet for
Hex(EB002D) contains.

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Color

Hex(EB002D)

Conversions

Conversions Part 1

Format	Color
Hex	EB002D
RGB	235, 0, 45
RGB Percent	92%, 0%, 18%
CMY	0.0784, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.81, 0.08
HSL	349°, 100%, 46%
HSV	349°, 100%, 92%
XYZ	34.7346, 17.8516, 4.0976
YIQ	75.3950, 125.6150, 63.8150

Conversions

Conversions Part 2

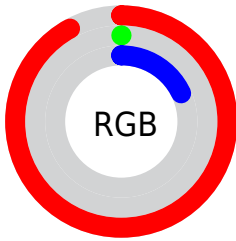
Format	Color
RYB	235, 0, 45
Decimal	15401005
CIELab	49.32, 75.94, 45.59
CIELCh	49, 88.575, 30.978
Yxy	17.8516, 0.6128, 0.3149
Android (android.graphics.Color)	4293591085 (0xFFEB002D)
YUV	75.3950, -14.9847, 139.9736
Hunter-Lab	42.2512, 72.8049, 23.8258

Details

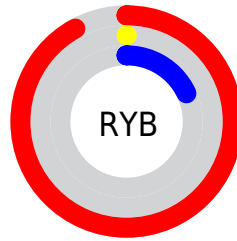
The Hex color **EB002D** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00EBBE**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5D5C**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB002D**, and if you desaturate by 10%, it is **EB1740**.

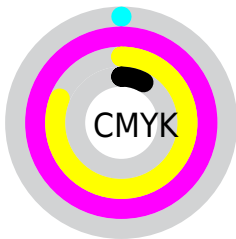
Distribution



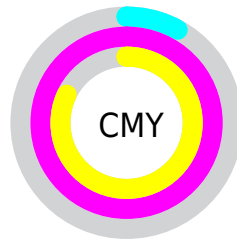
- Red (92%)
- Green (0%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color EB002D 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 EB002D by changing the saturation by 10% instead.

 EB002D

 EB002D

FFFFFF

 CA0017

 FF5D5C

 A90000

 FF7C75

 890000

 FF9A8E

 690002

 FFB8A9

 4B0004

 FFD6C4

 2A0001

 FFF4E0

 000000

FFFFFFD

 EB002D

 EB1740

 EB2F53

 EB4766

 EB5E79

 EB768C

 EB8D9F

 EBA4B2

 EBBCC5

 EBD3D8

Harmonies

Analogous

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



F10076



EB002D



C65200

Triad

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



EB002D



008F22



007FFF

Complementary

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



EB002D



00EBBE

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.



008FFA



EB002D



009376

Square

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



EB002D



3D8600



0093C2



665FF8

Rectangle

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



EB002D



A26A00



0093C2



0086FF

Sweetspot

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



EB002D



FFB3C1



BC00EB



80525A



000000



808080

Same Dimension

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



EB002D



FF0031



EB4700



756A6C



B50023



36000A

Inverse Universe

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



EB002D



FF0031



00A4EB



756A6C



B50023



36000A

Previews

White Background



This preview shows how the Hex color EB002D looks on a white background.

Color Contrast Check

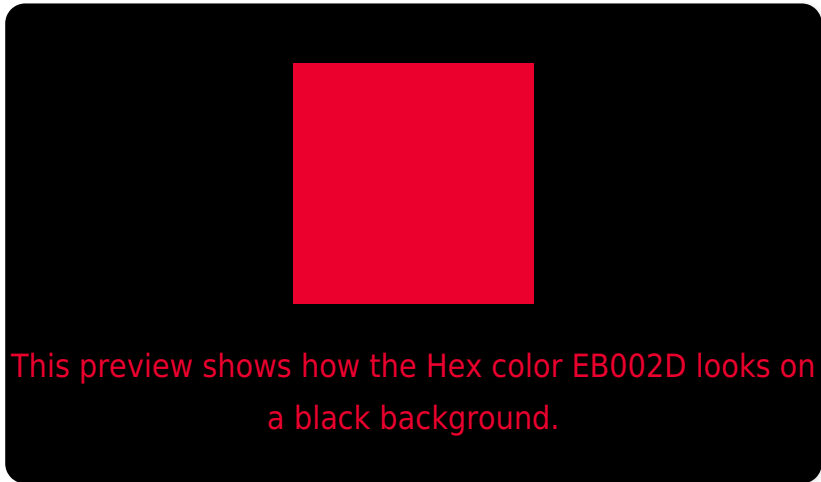
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB002D Background



This preview shows how black text looks on a background with the Hex color EB002D.



This preview shows how white text looks on a background with the Hex color EB002D.

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
EB002D

Protanopia
827746

Deuteranopia
96711A

Trichromacy



Original Color
EB002D



Protanomaly
A84C3D



Deuteranomaly
B54821



Tritanomaly
EA0D10

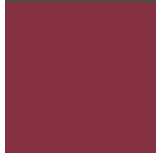
Monochromacy



Original Color
EB002D



Achromatopsia
4B4B4B



Achromatomaly
853040

CSS Examples

Text

The CSS property to change the color of the text to Hex EB002D 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 #EB002D looks like.

```
.text, #text, p{  
    color:#EB002D  
}
```

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 #EB002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB002D
}
```

Border

The CSS property to change the border of an element to Hex EB002D 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
#EB002D }
```

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

```
.border{ border-color:#EB002D }
```

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

Here you see how a box with a 4 pixel #EB002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB002D; -webkit-box-shadow:4px 4px  
4px 4px #EB002D; box-shadow:4px 4px 4px  
4px #EB002D }
```

Background

The CSS property to change the background color of an element to Hex EB002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB002D }
```

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

```
.background{ background-color:#EB002D }
```

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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