

Converting Colors

Hex(EB0C02)

Have a look what the booklet for
Hex(EB0C02) contains.

Hex(EB0C02)	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(EB0C02)

Conversions

Conversions Part 1

Format	Color
Hex	EB0C02
RGB	235, 12, 2
RGB Percent	92%, 5%, 1%
CMY	0.0784, 0.9529, 0.9922
CMYK	0.00, 0.95, 0.99, 0.08
HSL	3°, 98%, 46%
HSV	3°, 99%, 92%
XYZ	34.4034, 17.9295, 1.7049
YIQ	77.5370, 136.1180, 44.1660

Conversions

Conversions Part 2

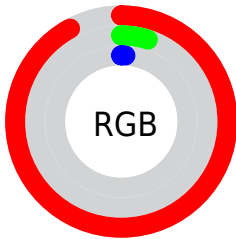
Format	Color
RYB	235, 12, 2
Decimal	15404034
CIELab	49.41, 74.39, 62.74
CIELCh	49, 97.318, 40.144
Yxy	17.9295, 0.6367, 0.3318
Android (android.graphics.Color)	4293594114 (0xFFEB0C02)
YUV	77.5370, -37.2397, 138.0951
Hunter-Lab	42.3432, 70.9285, 27.2530

Details

The Hex color **EB0C02** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **02E1EB**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5F3A**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EB0A00**, and if you desaturate by 10%, it is **EB2219**.

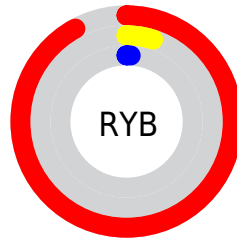
Distribution



Red (92%)

Green (5%)

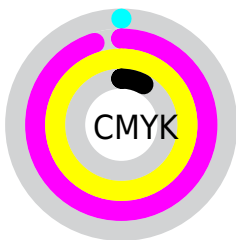
Blue (1%)



Red (92%)

Yellow (5%)

Blue (1%)

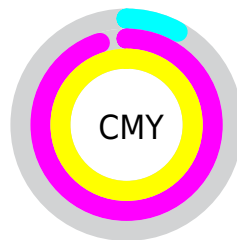


Cyan (0%)

Magenta (95%)

Yellow (99%)

Black (8%)



Cyan (8%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0C02 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 EB0C02 by changing the saturation by 10% instead.

 EB0C02

 EB0C02

 FFFFF7

 CA0000

 FF5F3A

 A80000

 FF7D53

 880000

 FF9B6D

 680002

 FFB987

 4A0004

 FFD7A2

 2A0001

 FFF5BE

 000000

 FFFFDA

 EB0C02

 EB0C02

■ EBOA00

■ EB2219

■ EB3931

■ EB4F49

■ EB6660

■ EB7C78

■ EB938F

■ EBA9A6

■ EBC0BE

■ EBD6D6

Harmonies

Analogous

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



FE005E



EB0C02



BB5C00

Triad

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



EB0C02



009238



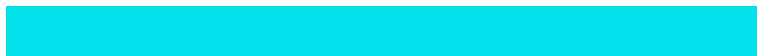
0079FF

Complementary

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



EB0C02



02E1EB

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.



008EFF



EB0C02



009591

Square

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



EB0C02



008B00



0095E0



924CF6

Rectangle

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



EB0C02



8F7300



0095E0



0082FF

Sweetspot

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



EB0C02



FFB6B3



EB02E3



805452



000000



808080

Same Dimension

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



EB0C02



FF0B00



EB7E02



756A6A



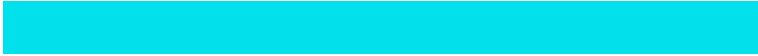
B50800



360200

Inverse Universe

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



02E1EB



00F4FF



026FEB



6A7575



00ADB5



003336

Previews

White Background



This preview shows how the Hex color EB0C02 looks on a white background.

Color Contrast Check

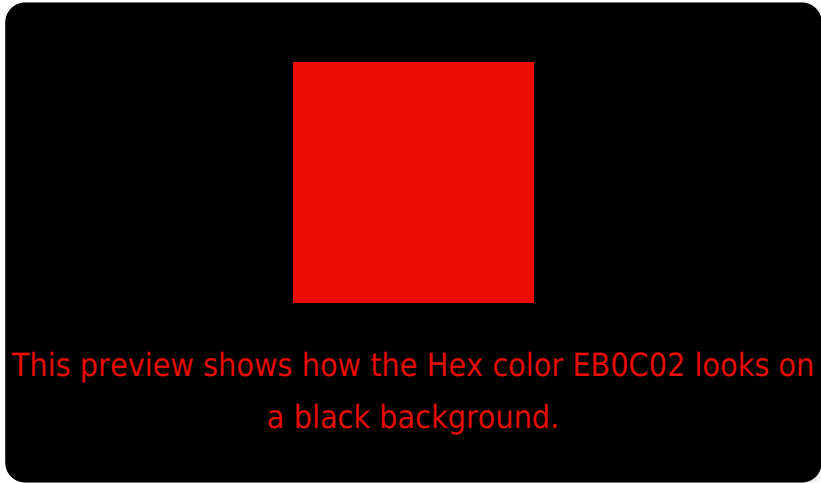
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0C02 Background



This preview shows how black text looks on a background with the Hex color EB0C02.



This preview shows how white text looks on a background with the Hex color EB0C02.

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

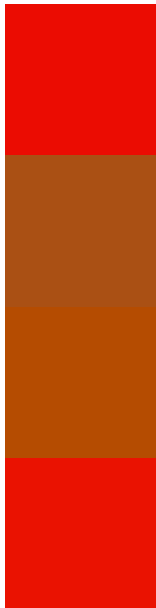


Original Color
EB0C02

Protanopia
85771E

Deuteranopia
967100

Trichromacy



Original Color
EB0C02

Protanomaly
AA5014

Deuteranomaly
B54C01

Tritanomaly
EA1201

Monochromacy



Original Color
EB0C02

Achromatopsia
4E4E4E

Achromatomaly
873632

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0C02 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 #EB0C02 looks like.

```
.text, #text, p{  
    color:#EB0C02  
}
```

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 #EB0C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0C02
}
```

Border

The CSS property to change the border of an element to Hex EB0C02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

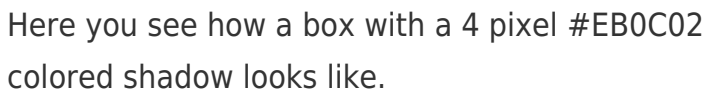
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB0C02 }
```

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

```
.border{ border-color:#EB0C02 }
```

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



Here you see how a box with a 4 pixel `#EB0C02` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0C02; -webkit-box-shadow:4px 4px  
4px 4px #EB0C02; box-shadow:4px 4px 4px  
4px #EB0C02 }
```

Background

The CSS property to change the background color of an element to Hex EB0C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0C02 }
```

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

```
.background{ background-color:#EB0C02 }
```

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