

Converting Colors

Hex(EB000B)

Have a look what the booklet for
Hex(EB000B) contains.

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Color

Hex(EB000B)

Conversions

Conversions Part 1

Format	Color
Hex	EB000B
RGB	235, 0, 11
RGB Percent	92%, 0%, 4%
CMY	0.0784, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.08
HSL	357°, 100%, 46%
HSV	357°, 100%, 92%
XYZ	34.3214, 17.6863, 1.9215
YIQ	71.5190, 136.5290, 53.2410

Conversions

Conversions Part 2

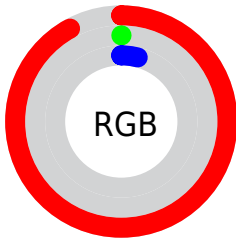
Format	Color
RYB	235, 0, 11
Decimal	15400971
CIELab	49.11, 75.39, 60.19
CIElCh	49, 96.473, 38.605
Yxy	17.6863, 0.6364, 0.3280
Android (android.graphics.Color)	4293591051 (0xFFEB000B)
YUV	71.5190, -29.8359, 143.3728
Hunter-Lab	42.0551, 72.0781, 26.7297

Details

The Hex color **EB000B** 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 **00EBE0**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5C3F**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EB000B**, and if you desaturate by 10%, it is **EB1721**.

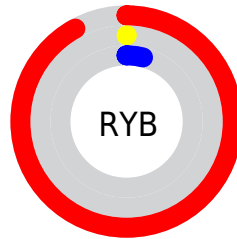
Distribution



Red (92%)

Green (0%)

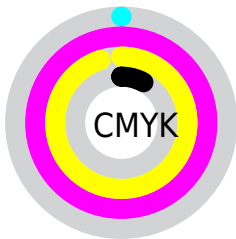
Blue (4%)



Red (92%)

Yellow (0%)

Blue (4%)

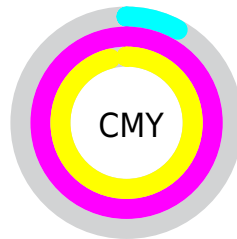


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB000B 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 EB000B by changing the saturation by 10% instead.

 EB000B

 EB000B

 FFFFFB

 CA0000

 FF5C3F

 A80000

 FF7B58

 880000

 FF9971

 670002

 FFB78B

 4A0004

 FFD5A6

 290001

 FFF3C2

 000000

 FFFFDE

 EB000B

 EB1721

 EB2F38

 EB474E

 EB5E65

 EB767B

 EB8D91

 EBA4A8

 EBBCBE

 EBD3D5

Harmonies

Analogous

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



FC0062



EB000B



BC5900

Triad

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



EB000B



009133



007AFF

Complementary

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



EB000B



00EBE0

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



EB000B



00948B

Square

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



EB000B



008A00



0094DB



8A4FF7

Rectangle

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



EB000B



927100



0094DB



0082FF

Sweetspot

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



EB000B



FFB3B6



DF00EB



805254



000000



808080

Same Dimension

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



EB000B



FF000C



EB6A00



756A6A



B50008



360003

Inverse Universe

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



EB000B



FF000C



0081EB



756A6A



B50008



360003

Previews

White Background



This preview shows how the Hex color EB000B looks on a white background.

Color Contrast Check

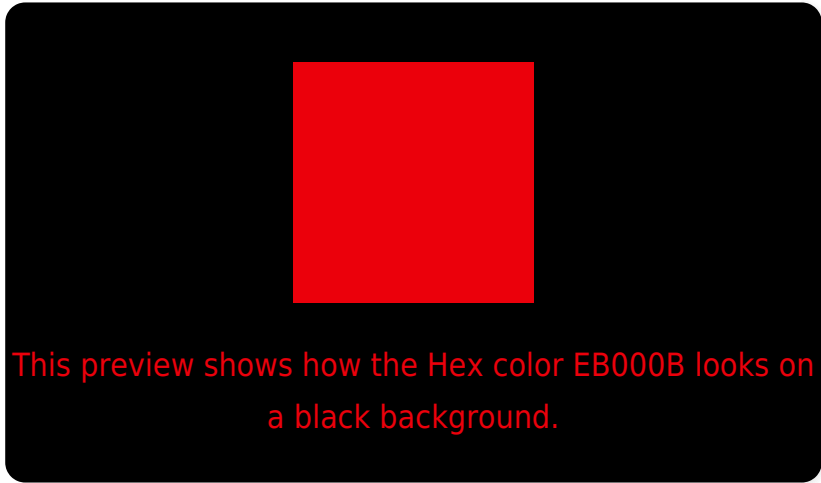
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB000B Background



This preview shows how black text looks on a background with the Hex color EB000B.



This preview shows how white text looks on a background with the Hex color EB000B.

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
EB000B

Protanopia
857722

Deuteranopia
957100



Tritanopia
E91600

Trichromacy



Original Color
EB000B



Protanomaly
AA4C1A



Deuteranomaly
B44804



Tritanomaly
EA0E04

Monochromacy



Original Color
EB000B



Achromatopsia
484848



Achromatomaly
832E32

CSS Examples

Text

The CSS property to change the color of the text to Hex EB000B 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 #EB000B looks like.

```
.text, #text, p{  
    color:#EB000B  
}
```

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 #EB000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB000B
}
```

Border

The CSS property to change the border of an element to Hex EB000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

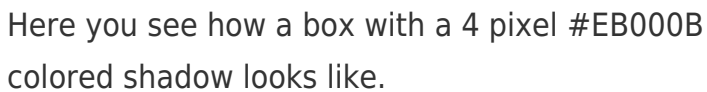
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB000B }
```

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

```
.border{ border-color:#EB000B }
```

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



Here you see how a box with a 4 pixel `#EB000B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB000B; -webkit-box-shadow:4px 4px  
4px 4px #EB000B; box-shadow:4px 4px 4px  
4px #EB000B }
```

Background

The CSS property to change the background color of an element to Hex EB000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB000B }
```

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

```
.background{ background-color:#EB000B }
```

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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