

Converting Colors

Hex(EB0000)

Have a look what the booklet for
Hex(EB0000) contains.

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Color

Hex(EB0000)

Conversions

Conversions Part 1

Format	Color
Hex	EB0000
RGB	235, 0, 0
RGB Percent	92%, 0%, 0%
CMY	0.0784, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.08
HSL	0°, 100%, 46%
HSV	0°, 100%, 92%
XYZ	34.2609, 17.6622, 1.6034
YIQ	70.2650, 140.0600, 49.8200

Conversions

Conversions Part 2

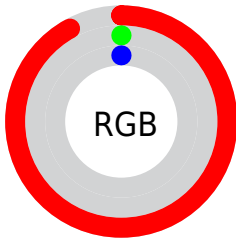
Format	Color
RYB	235, 0, 0
Decimal	15400960
CIELab	49.08, 75.31, 63.19
CIELCh	49, 98.308, 40.000
Yxy	17.6622, 0.6401, 0.3300
Android (android.graphics.Color)	4293591040 (0xFFEB0000)
YUV	70.2650, -34.6406, 144.4726
Hunter-Lab	42.0264, 71.9715, 27.1564

Details

The Hex color **EB0000** 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 **00EBEB**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5C38**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EB0000**, and if you desaturate by 10%, it is **EB1717**.

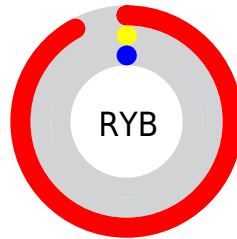
Distribution



Red (92%)

Green (0%)

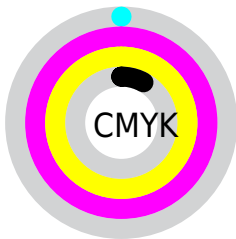
Blue (0%)



Red (92%)

Yellow (0%)

Blue (0%)

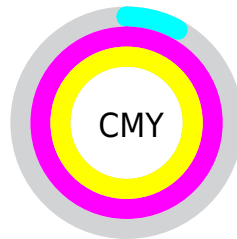


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0000 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 EB0000 by changing the saturation by 10% instead.

 EB0000

 EB0000

 FFFFF5

 CA0000

 FF5C38

 A80000

 FF7B51

 870000

 FF996B

 670002

 FFB785

 4A0004

 FFD5A0

 290001

 FFF3BC

 000000

 FFFFD8

 EB0000

 EB1717

 EB2F2F

 EB4747

 EB5E5E

 EB7676

 EB8D8D

 EBA4A4

 EBBCBC

 EBD3D3

Harmonies

Analogous

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



FE005D



EB0000



BA5A00

Triad

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



EB0000



009136



0078FF

Complementary

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



EB0000



00EBEB

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



EB0000



009490

Square

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



EB0000



008A00



0094E0



914AF7

Rectangle

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



EB0000



8E7200



0094E0



0081FF

Sweetspot

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



EB0000



FFB3B3



EB00EB



805252



000000



808080

Same Dimension

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



EB0000



FF0000



EB7600



756A6A



B50000



360000

Inverse Universe

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



00EBEB



00FFFF



0076EB



6A7575



00B5B5



003636

Previews

White Background



This preview shows how the Hex color EB0000 looks on a white background.

Color Contrast Check

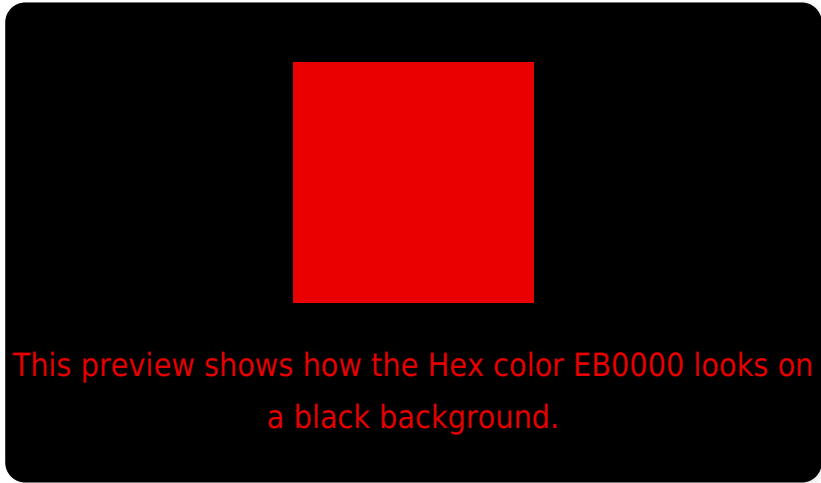
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0000 Background



This preview shows how black text looks on a background with the Hex color EB0000.



This preview shows how white text looks on a background with the Hex color EB0000.

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





Tritanopia
E91600

Trichromacy



Original Color
EB0000



Protanomaly
AA4C13



Deuteranomaly
B44800



Tritanomaly
EA0E00

Monochromacy



Original Color
EB0000



Achromatopsia
464646



Achromatomaly
822D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0000 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 #EB0000 looks like.

```
.text, #text, p{  
    color:#EB0000  
}
```

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 #EB0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0000
}
```

Border

The CSS property to change the border of an element to Hex EB0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

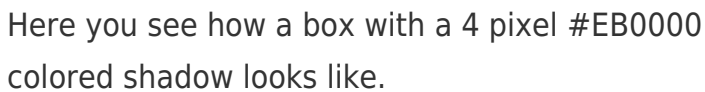
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB0000 }
```

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

```
.border{ border-color:#EB0000 }
```

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



Here you see how a box with a 4 pixel `#EB0000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0000; -webkit-box-shadow:4px 4px  
4px 4px #EB0000; box-shadow:4px 4px 4px  
4px #EB0000 }
```

Background

The CSS property to change the background color of an element to Hex EB0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0000 }
```

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

```
.background{ background-color:#EB0000 }
```

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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