

Converting Colors

Hex(EB0015)

Have a look what the booklet for
Hex(EB0015) contains.

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Color

Hex(EB0015)

Conversions

Conversions Part 1

Format	Color
Hex	EB0015
RGB	235, 0, 21
RGB Percent	92%, 0%, 8%
CMY	0.0784, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.91, 0.08
HSL	355°, 100%, 46%
HSV	355°, 100%, 92%
XYZ	34.3963, 17.7163, 2.3162
YIQ	72.6590, 133.3190, 56.3510

Conversions

Conversions Part 2

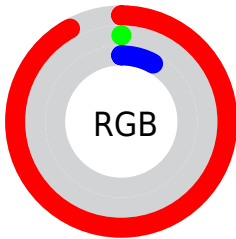
Format	Color
RYB	235, 0, 21
Decimal	15400981
CIELab	49.15, 75.49, 56.91
CIELCh	49, 94.540, 37.013
Yxy	17.7163, 0.6320, 0.3255
Android (android.graphics.Color)	4293591061 (0xFFEB0015)
YUV	72.6590, -25.4679, 142.3731
Hunter-Lab	42.0907, 72.2103, 26.2009

Details

The Hex color **EB0015** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00EBD6**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5C46**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB0015**, and if you desaturate by 10%, it is **EB172A**.

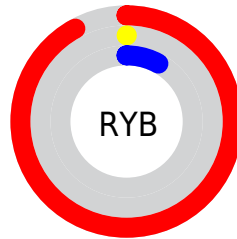
Distribution



Red (92%)

Green (0%)

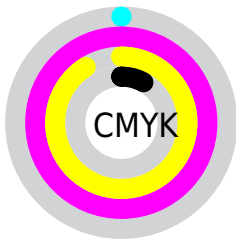
Blue (8%)



Red (92%)

Yellow (0%)

Blue (8%)

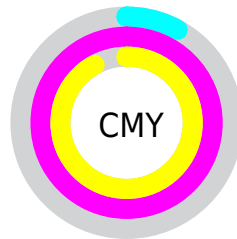


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0015 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 EB0015 by changing the saturation by 10% instead.

 EB0015

 EB0015

FFFFFF

 CA0000

 FF5C46

 A90000

 FF7B5E

 880000

 FF9978

 680002

 FFB792

 4A0004

 FFD5AD

 2A0001

 FFF3C9

 000000

 FFFF E5

 EB0015

 EB172A

 EB2F40

 EB4755

 EB5E6B

 EB7680

 EB8D95

 EBA4AB

 EBBCC0

 EBD3D6

Harmonies

Analogous

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



FA0066



EB0015



BF5700

Triad

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



EB0015



00912F



007BFF

Complementary

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



EB0015



00EBD6

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



EB0015



009486

Square

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



EB0015



038900



0094D5



8353F7

Rectangle

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



EB0015



956F00



0094D5



0083FF

Sweetspot

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



EB0015



FFB3B9



D400EB



805256



000000



808080

Same Dimension

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



EB0015



FF0017



EB5E00



756A6B



B50010



360005

Inverse Universe

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



EB0015



FF0017



008DEB



756A6B



B50010



360005

Previews

White Background



This preview shows how the Hex color EB0015 looks on a white background.

Color Contrast Check

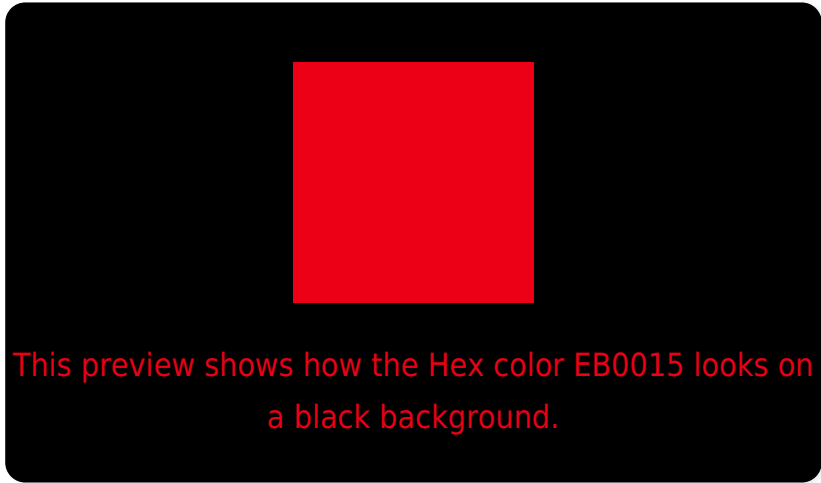
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0015 Background



This preview shows how black text looks on a background with the Hex color EB0015.



This preview shows how white text looks on a background with the Hex color EB0015.

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
EB0015

Protanopia
85772A

Deuteranopia
967100



Tritanopia
E91600

Trichromacy



Original Color
EB0015



Protanomaly
AA4C22



Deuteranomaly
B54808



Tritanomaly
EA0E08

Monochromacy



Original Color
EB0015



Achromatopsia
494949



Achromatomaly
842E36

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0015 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 #EB0015 looks like.

```
.text, #text, p{  
    color:#EB0015  
}
```

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 #EB0015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0015  
}
```

Border

The CSS property to change the border of an element to Hex EB0015 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".

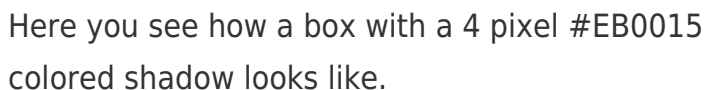
```
.border, #border, table{ border:4px solid  
#EB0015 }
```

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

```
.border{ border-color:#EB0015 }
```

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

Here you see how a box with a 4 pixel #EB0015 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0015; -webkit-box-shadow:4px 4px  
4px 4px #EB0015; box-shadow:4px 4px 4px  
4px #EB0015 }
```

Background

The CSS property to change the background color of an element to Hex EB0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0015 }
```

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

```
.background{ background-color:#EB0015 }
```

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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