

Converting Colors

Hex(EB0533)

Have a look what the booklet for
Hex(EB0533) contains.

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Color

Hex(EB0533)

Conversions

Conversions Part 1

Format	Color
Hex	EB0533
RGB	235, 5, 51
RGB Percent	92%, 2%, 20%
CMY	0.0784, 0.9804, 0.8000
CMYK	0.00, 0.98, 0.78, 0.08
HSL	348°, 96%, 47%
HSV	348°, 98%, 92%
XYZ	34.9128, 18.0097, 4.7681
YIQ	79.0140, 122.3140, 63.0660

Conversions

Conversions Part 2

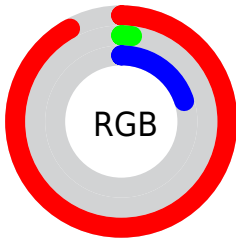
Format	Color
RYB	235, 5, 51
Decimal	15402291
CIELab	49.51, 75.72, 42.45
CIELCh	50, 86.810, 29.275
Yxy	18.0097, 0.6052, 0.3122
Android (android.graphics.Color)	4293592371 (0xFFEB0533)
YUV	79.0140, -13.8109, 136.7997
Hunter-Lab	42.4379, 72.5820, 23.0450

Details

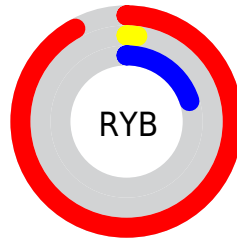
The Hex color **EB0533** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **05EBBD**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5E62**, and **AA0008** is the 20% darker color. If you saturate the color by 10%, you get **EB002F**, and if you desaturate by 10%, it is **EB1D46**.

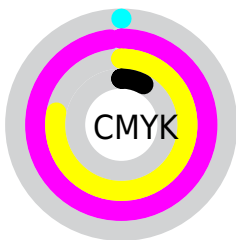
Distribution



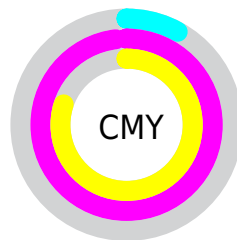
- Red (92%)
- Green (2%)
- Blue (20%)



- Red (92%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0533 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 EB0533 by changing the saturation by 10% instead.

 EB0533

 EB0533

FFFFFF

 CA001D

 FF5E62

 AA0008

 FF7D7B

 890000

 FF9B95

 690002

 FFB9B0

 4C0004

 FFD7CB

 2B0001

 FFF5E7

 000000

 EB0533

 EB0533

 EB002F

 EB1D46

 EB3459

 EB4B6B

 EB637E

 EB7A91

 EB92A4

 EBAAB7

 EBC1C9

 EBD8DC

Harmonies

Analogous

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



EF007B



EB0533



C85000

Triad

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



EB0533



008F1F



0081FF

Complementary

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



EB0533



05EBBD

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.



008FF6



EB0533



009372

Square

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



EB0533



458500



0094BD



5E62F9

Rectangle

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



EB0533



A56900



0094BD



0087FF

Sweetspot

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



EB0533



FFB5C4



BD05EB



80535C



000000



808080

Same Dimension

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



EB0533



FF0033



EB4A05



756A6C



B50024



36000B

Inverse Universe

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



EB0533



FF0033



05A6EB



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color EB0533 looks on a white background.

Color Contrast Check

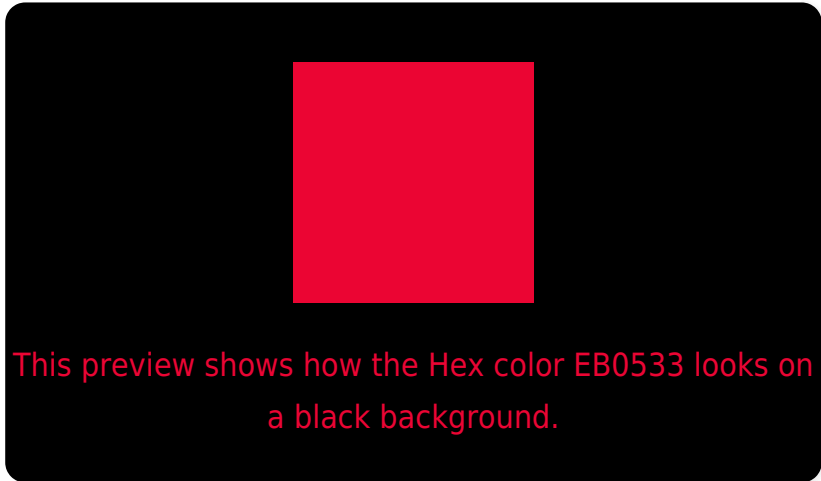
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0533 Background



This preview shows how black text looks on a background with the Hex color EB0533.



This preview shows how white text looks on a background with the Hex color EB0533.

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
EB0533

Protanopia
81774E

Deuteranopia
957123



Tritanopia
EA1609

Trichromacy



Original Color
EB0533



Protanomaly
A84E44



Deuteranomaly
B44A29



Tritanomaly
EA1018

Monochromacy



Original Color
EB0533



Achromatopsia
4F4F4F



Achromatomaly
883445

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0533 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 #EB0533 looks like.

```
.text, #text, p{  
    color:#EB0533  
}
```

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 #EB0533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0533
}
```

Border

The CSS property to change the border of an element to Hex EB0533 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".

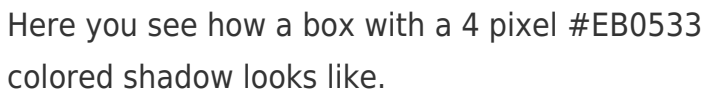
```
.border, #border, table{ border:4px solid
#EB0533 }
```

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

```
.border{ border-color:#EB0533 }
```

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

Here you see how a box with a 4 pixel #EB0533 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0533; -webkit-box-shadow:4px 4px  
4px 4px #EB0533; box-shadow:4px 4px 4px  
4px #EB0533 }
```

Background

The CSS property to change the background color of an element to Hex EB0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0533 }
```

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

```
.background{ background-color:#EB0533 }
```

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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