

Converting Colors

Hex(EB0740)

Have a look what the booklet for
Hex(EB0740) contains.

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Color

Hex(EB0740)

Conversions

Conversions Part 1

Format	Color
Hex	EB0740
RGB	235, 7, 64
RGB Percent	92%, 3%, 25%
CMY	0.0784, 0.9725, 0.7490
CMYK	0.00, 0.97, 0.73, 0.08
HSL	345°, 94%, 47%
HSV	345°, 97%, 92%
XYZ	35.2623, 18.1843, 6.5019
YIQ	81.6700, 117.5910, 66.0630

Conversions

Conversions Part 2

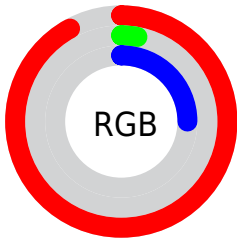
Format	Color
RYB	235, 7, 64
Decimal	15402816
CIELab	49.72, 76.00, 35.14
CIElCh	50, 83.733, 24.810
Yxy	18.1843, 0.5882, 0.3033
Android (android.graphics.Color)	4293592896 (0xFFEB0740)
YUV	81.6700, -8.7113, 134.4704
Hunter-Lab	42.6430, 72.9797, 20.8101

Details

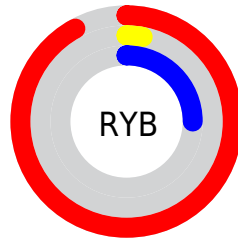
The Hex color **EB0740** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **07EBB2**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5F70**, and **AA0016** is the 20% darker color. If you saturate the color by 10%, you get **EB003B**, and if you desaturate by 10%, it is **EB1F52**.

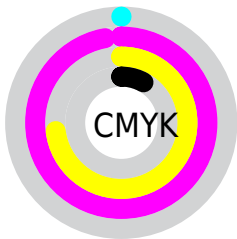
Distribution



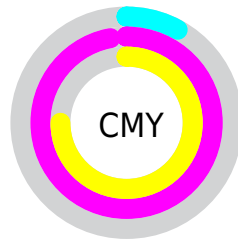
- Red (92%)
- Green (3%)
- Blue (25%)



- Red (92%)
- Yellow (3%)
- Blue (25%)



- Cyan (0%)
- Magenta (97%)
- Yellow (73%)
- Black (8%)



- Cyan (8%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0740 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 EB0740 by changing the saturation by 10% instead.

 EB0740

 EB0740

FFFFFF

 CA002A

 FF5F70

 AA0016

 FF7E89

 8A0000

 FF9CA3

 6A0002

 FFBABE

 4C0004

 FFD8DA

 2C0001

 FFF6F7

 000000

 EB0740

 EB0740

 EB003B

 EB1F52

 EB3663

 EB4E75

 EB6587

 EB7C98

 EB94AA

 EBABBB

 EBC3CD

 EBDDBF

Harmonies

Analogous

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



E90086



EB0740



CD4C00

Triad

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



EB0740



008E13



0084FF

Complementary

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



EB0740



07EBB2

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.



0090EB



EB0740



009267

Square

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



EB0740



568300



0094B1



4369FA

Rectangle

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



EB0740



AD6600



0094B1



0089FF

Sweetspot

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



EB0740



FFB5C8



B207EB



80535E



000000



808080

Same Dimension

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



EB0740



FF0040



EB4007



756A6D



B5002D



36000D

Inverse Universe

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



EB0740



FF0040



07B2EB



756A6D



B5002D



36000D

Previews

White Background



This preview shows how the Hex color EB0740 looks on a white background.

Color Contrast Check

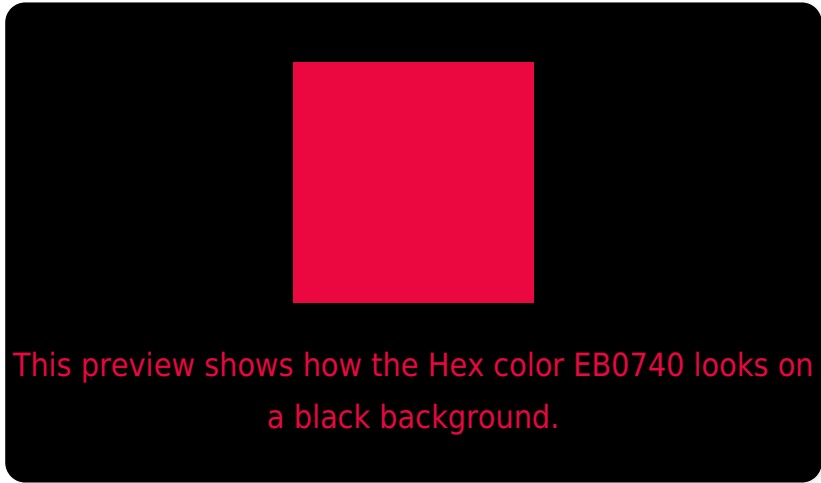
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0740 Background



This preview shows how black text looks on a background with the Hex color EB0740.



This preview shows how white text looks on a background with the Hex color EB0740.

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
EB0740

Protanopia
7F7760

Deuteranopia
947234



Tritanopia
EA1B14

Trichromacy



Original Color
EB0740



Protanomaly
A64E54



Deuteranomaly
B44B38



Tritanomaly
EA1424

Monochromacy



Original Color
EB0740



Achromatopsia
525252



Achromatomaly
8A374B

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0740 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 #EB0740 looks like.

```
.text, #text, p{  
    color:#EB0740  
}
```

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 #EB0740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0740  
}
```

Border

The CSS property to change the border of an element to Hex EB0740 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  
#EB0740 }
```

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

```
.border{ border-color:#EB0740 }
```

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

Here you see how a box with a 4 pixel #EB0740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0740; -webkit-box-shadow:4px 4px  
4px 4px #EB0740; box-shadow:4px 4px 4px  
4px #EB0740 }
```

Background

The CSS property to change the background color of an element to Hex EB0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0740 }
```

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

```
.background{ background-color:#EB0740 }
```

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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