

Converting Colors

Hex(EB0048)

Have a look what the booklet for
Hex(EB0048) contains.

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Color

Hex(EB0048)

Conversions

Conversions Part 1

Format	Color
Hex	EB0048
RGB	235, 0, 72
RGB Percent	92%, 0%, 28%
CMY	0.0784, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.69, 0.08
HSL	342°, 100%, 46%
HSV	342°, 100%, 92%
XYZ	35.4306, 18.1300, 7.7629
YIQ	78.4730, 116.9480, 72.2120

Conversions

Conversions Part 2

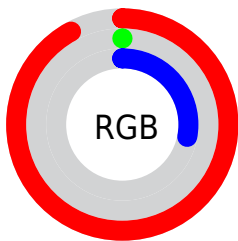
Format	Color
RYB	235, 0, 72
Decimal	15401032
CIELab	49.65, 76.86, 30.26
CIElCh	50, 82.601, 21.493
Yxy	18.1300, 0.5778, 0.2956
Android (android.graphics.Color)	4293591112 (0xFFEB0048)
YUV	78.4730, -3.1912, 137.2742
Hunter-Lab	42.5794, 74.0173, 18.9960

Details

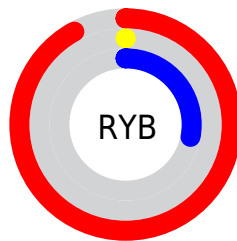
The Hex color **EB0048** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00EBA3**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5D78**, and **AA001D** is the 20% darker color. If you saturate the color by 10%, you get **EB0048**, and if you desaturate by 10%, it is **EB1758**.

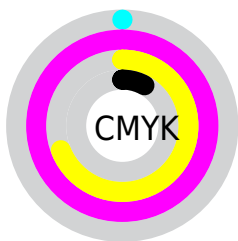
Distribution



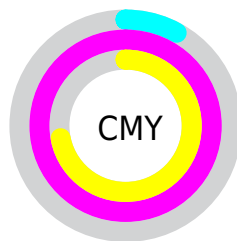
- Red (92%)
- Green (0%)
- Blue (28%)



- Red (92%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0048 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 EB0048 by changing the saturation by 10% instead.

 EB0048

 EB0048

FFFFFF

 CB0032

 FF5D78

 AA001D

 FF7C92

 8A0006

 FF9BAC

 6B0002

 FFB9C8

 4D0004

 FFD7E4

 2C0001

 FFF5FF

 000000

 EB0048

 EB1758

 EB2F69

 EB4779

 EB5E89

 EB769A

 EB8DAA

 EBA4BA

 EBBCCA

 EBD3DB

Harmonies

Analogous

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



E5008D



EB0048



D14800

Triad

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



EB0048



008D04



0085FF

Complementary

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



EB0048



00EBA3

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.



0090E4



EB0048



00925F

Square

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



EB0048



608200



0093A8



1E6DFB

Rectangle

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



EB0048



B26200



0093A8



008AFD

Sweetspot

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



EB0048



FFB3CA



A100EB



805260



000000



808080

Same Dimension

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



EB0048



FF004E



EB2B00



756A6D



B50037



360010

Inverse Universe

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



EB0048



FF004E



00C0EB



756A6D



B50037



360010

Previews

White Background



This preview shows how the Hex color EB0048 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 EB0048 Background



This preview shows how black text looks on a background with the Hex color EB0048.

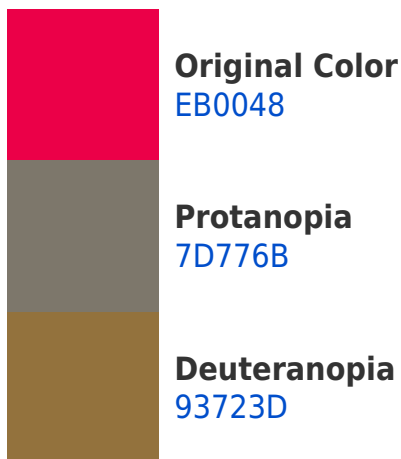


This preview shows how white text looks on a background with the Hex color EB0048.

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
EA1D18

Trichromacy



Original Color
EB0048



Protanomaly
A54C5E



Deuteranomaly
B34941



Tritanomaly
EA1229

Monochromacy



Original Color
EB0048



Achromatopsia
4E4E4E



Achromatomaly
87324C

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0048 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 #EB0048 looks like.

```
.text, #text, p{  
    color:#EB0048  
}
```

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 #EB0048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0048
}
```

Border

The CSS property to change the border of an element to Hex EB0048 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
#EB0048 }
```

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

```
.border{ border-color:#EB0048 }
```

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

Here you see how a box with a 4 pixel #EB0048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0048; -webkit-box-shadow:4px 4px  
4px 4px #EB0048; box-shadow:4px 4px 4px  
4px #EB0048 }
```

Background

The CSS property to change the background color of an element to Hex EB0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0048 }
```

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

```
.background{ background-color:#EB0048 }
```

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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