

Converting Colors

Hex(EB0547)

Have a look what the booklet for
Hex(EB0547) contains.

| | |
|------------------------------------------------|----|
| Hex(EB0547) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(EB0547)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB0547 |
| RGB | 235, 5, 71 |
| RGB Percent | 92%, 2%, 28% |
| CMY | 0.0784, 0.9804, 0.7216 |
| CMYK | 0.00, 0.98, 0.70, 0.08 |
| HSL | 343°, 96%, 47% |
| HSV | 343°, 98%, 92% |
| XYZ | 35.4526, 18.2256, 7.6106 |
| YIQ | 81.2940, 115.8940, 69.2860 |

Conversions

Conversions Part 2

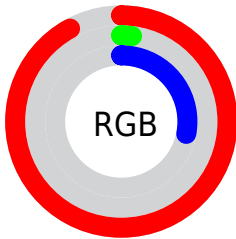
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 235, 5, 71 |
| Decimal | 15402311 |
| CIELab | 49.77, 76.43, 31.01 |
| CIElCh | 50, 82.485, 22.082 |
| Yxy | 18.2256, 0.5785, 0.2974 |
| Android (android.graphics.Color) | 4293592391 (0xFFEB0547) |
| YUV | 81.2940, -5.0749, 134.8002 |
| Hunter-Lab | 42.6915, 73.5227, 19.3145 |

Details

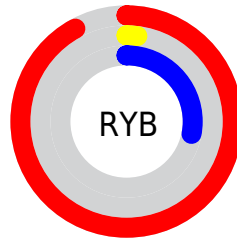
The Hex color **EB0547** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05EBA9**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5E77**, and **AA001D** is the 20% darker color. If you saturate the color by 10%, you get **EB0043**, and if you desaturate by 10%, it is **EB1D58**.

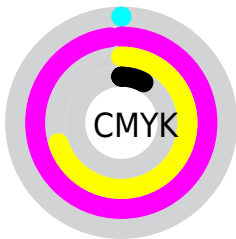
Distribution



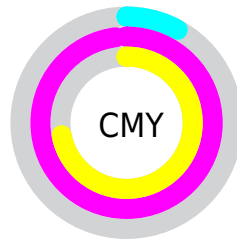
- Red (92%)
- Green (2%)
- Blue (28%)



- Red (92%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0547 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 EB0547 by changing the saturation by 10% instead.

 EB0547

 EB0547

FFFFFF

 CB0031

 FF5E77

 AA001D

 FF7D91

 8A0005

 FF9CAB

 6B0002

 FFB9C6

 4D0004

 FFD8E2

 2C0001

 FFF6FF

 000000

 EB0547

 EB0547

 EB0043

 EB1D58

 EB3469

 EB4B79

 EB638A

 EB7A9B

 EB92AC

 EBAABC

 EBC1CD

 EBD8DE

Harmonies

Analogous

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



E6008C



EB0547



D04A00

Triad

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



EB0547



008D09



0085FF

Complementary

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



EB0547



05EBA9

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.



0091E5



EB0547



009261

Square

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



EB0547



5E8200



0093AA



296CFA

Rectangle

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



EB0547



B26300



0093AA



008AFD

Sweetspot

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



EB0547



FFB5CA



A605EB



805360



000000



808080

Same Dimension

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



EB0547



FF0049



EB3305



756A6D



B50034



36000F

Inverse Universe

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



EB0547



FF0049



05BDEB



756A6D



B50034



36000F

Previews

White Background



This preview shows how the Hex color EB0547 looks on a white background.

Color Contrast Check

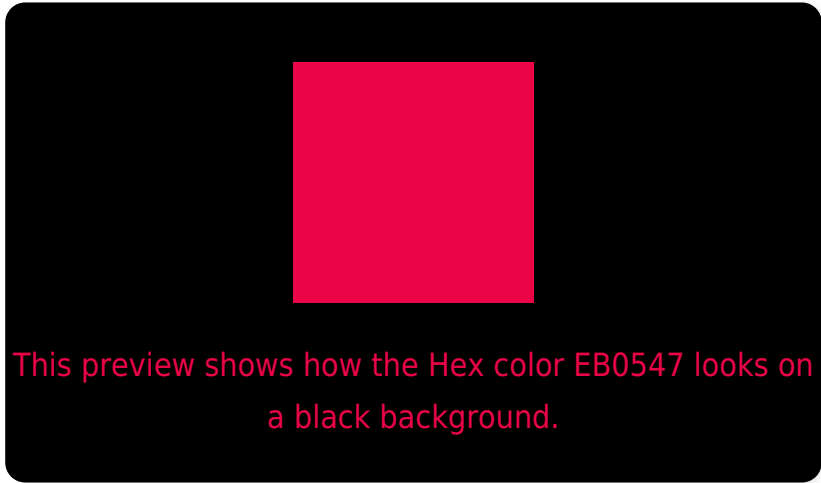
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0547 Background



This preview shows how black text looks on a background with the Hex color EB0547.

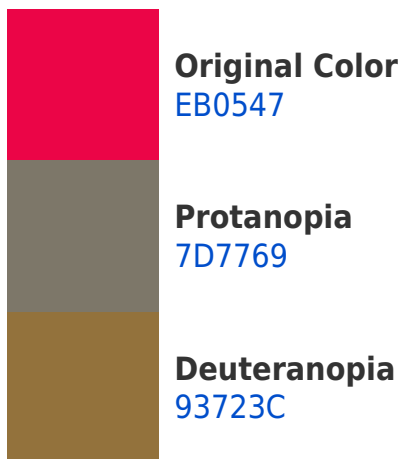


This preview shows how white text looks on a background with the Hex color EB0547.

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
EB0547



Protanomaly
A54E5D



Deuteranomaly
B34A40



Tritanomaly
EA1429

Monochromacy



Original Color
EB0547



Achromatopsia
515151



Achromatomaly
89354D

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0547 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 #EB0547 looks like.

```
.text, #text, p{  
    color:#EB0547  
}
```

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 #EB0547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0547
}
```

Border

The CSS property to change the border of an element to Hex EB0547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

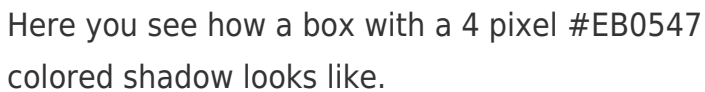
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB0547 }
```

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

```
.border{ border-color:#EB0547 }
```

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



Here you see how a box with a 4 pixel #EB0547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0547; -webkit-box-shadow:4px 4px  
4px 4px #EB0547; box-shadow:4px 4px 4px  
4px #EB0547 }
```

Background

The CSS property to change the background color of an element to Hex EB0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0547 }
```

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

```
.background{ background-color:#EB0547 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor