

Converting Colors

Hex(E40047)

Have a look what the booklet for
Hex(E40047) contains.

Hex(E40047)	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(E40047)

Conversions

Conversions Part 1

Format	Color
Hex	E40047
RGB	228, 0, 71
RGB Percent	89%, 0%, 28%
CMY	0.1059, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.69, 0.11
HSL	341°, 100%, 45%
HSV	341°, 100%, 89%
XYZ	33.1322, 16.9489, 7.4864
YIQ	76.2660, 113.0970, 70.4170

Conversions

Conversions Part 2

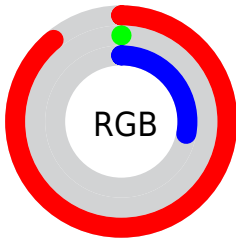
Format	Color
RYB	228, 0, 71
Decimal	14942279
CIELab	48.20, 75.19, 28.75
CIELCh	48, 80.494, 20.924
Yxy	16.9489, 0.5755, 0.2944
Android (android.graphics.Color)	4293132359 (0xFFE40047)
YUV	76.2660, -2.5961, 133.0707
Hunter-Lab	41.1691, 71.6083, 18.0367

Details

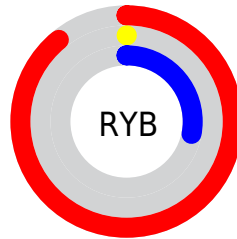
The Hex color **E40047** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00E49D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5C77**, and **A4001D** is the 20% darker color. If you saturate the color by 10%, you get **E40047**, and if you desaturate by 10%, it is **E41757**.

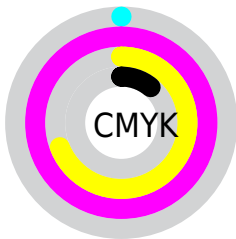
Distribution



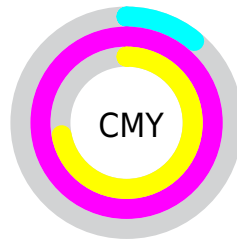
- Red (89%)
- Green (0%)
- Blue (28%)



- Red (89%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E40047 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 E40047 by changing the saturation by 10% instead.

 E40047

 E40047

FFFFFF

 C40031

 FF5C77

 A4001D

 FF7B91

 840005

 FF99AB

 640002

 FFB6C6

 470004

 FFD4E2

 260001

 FFF3FF

 000000

 E40047

 E41757

 E42E66

 E44476

 E45B86

 E47296

 E489A5

 E4A0B5

 E4B6C5

 E4CDD4

Harmonies

Analogous

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



DD008A



E40047



CB4500

Triad

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



E40047



008802



0081FB

Complementary

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



E40047



00E49D

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.



008CDC



E40047



008D5B

Square

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



E40047



5E7D00



008FA1



126AF4

Rectangle

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



E40047



AE5E00



008FA1



0086F5

Sweetspot

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



E40047



FFB3CA



9C00E4



805260



000000



808080

Same Dimension

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



E40047



FF004F



E42A00



73676B



B30038



330010

Inverse Universe

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



E40047



FF004F



00BAE4



73676B



B30038



330010

Previews

White Background



This preview shows how the Hex color E40047 looks on a white background.

Color Contrast Check

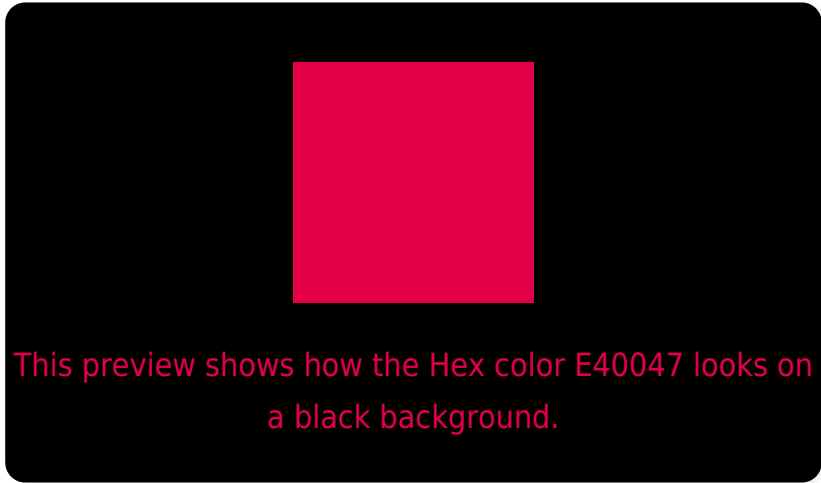
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E40047 Background



This preview shows how black text looks on a background with the Hex color E40047.

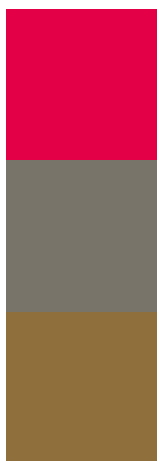


This preview shows how white text looks on a background with the Hex color E40047.

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
E40047

Protanopia
797469

Deuteranopia
8F6F3C



Tritanopia
E31D18

Trichromacy



Original Color
E40047



Protanomaly
A04A5D



Deuteranomaly
AE4740



Tritanomaly
E31229

Monochromacy



Original Color
E40047



Achromatopsia
4C4C4C



Achromatomaly
83304A

CSS Examples

Text

The CSS property to change the color of the text to Hex E40047 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 #E40047 looks like.

```
.text, #text, p{  
    color:#E40047  
}
```

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 #E40047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40047
}
```

Border

The CSS property to change the border of an element to Hex E40047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

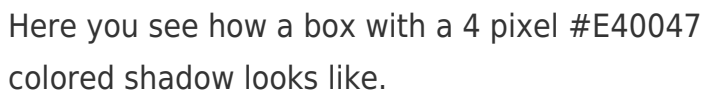
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E40047 }
```

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

```
.border{ border-color:#E40047 }
```

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



Here you see how a box with a 4 pixel #E40047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40047; -webkit-box-shadow:4px 4px  
4px 4px #E40047; box-shadow:4px 4px 4px  
4px #E40047 }
```

Background

The CSS property to change the background color of an element to Hex E40047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40047 }
```

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

```
.background{ background-color:#E40047 }
```

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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