

Converting Colors

Hex(E40437)

Have a look what the booklet for
Hex(E40437) contains.

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Color

Hex(E40437)

Conversions

Conversions Part 1

Format	Color
Hex	E40437
RGB	228, 4, 55
RGB Percent	89%, 2%, 22%
CMY	0.1059, 0.9843, 0.7843
CMYK	0.00, 0.98, 0.76, 0.11
HSL	346°, 97%, 45%
HSV	346°, 98%, 89%
XYZ	32.7279, 16.8566, 5.1431
YIQ	76.7900, 117.1330, 63.3490

Conversions

Conversions Part 2

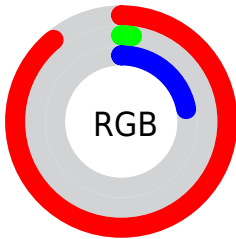
Format	Color
RYB	228, 4, 55
Decimal	14943287
CIELab	48.08, 74.25, 38.18
CIELCh	48, 83.494, 27.215
Yxy	16.8566, 0.5980, 0.3080
Android (android.graphics.Color)	4293133367 (0xFFE40437)
YUV	76.7900, -10.7425, 132.6112
Hunter-Lab	41.0568, 70.4394, 21.3126

Details

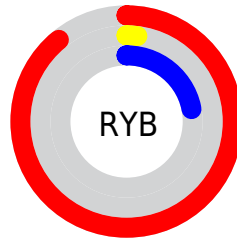
The Hex color **E40437** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **04E4B1**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C66**, and **A3000D** is the 20% darker color. If you saturate the color by 10%, you get **E40034**, and if you desaturate by 10%, it is **E41B49**.

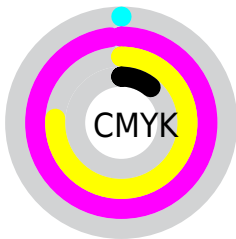
Distribution



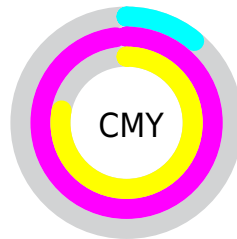
- Red (89%)
- Green (2%)
- Blue (22%)



- Red (89%)
- Yellow (2%)
- Blue (22%)



- Cyan (0%)
- Magenta (98%)
- Yellow (76%)
- Black (11%)



- Cyan (11%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E40437 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 E40437 by changing the saturation by 10% instead.

 E40437

 E40437

FFFFFF

 C30022

 FF5C66

 A3000D

 FF7B7F

 830000

 FF9999

 630002

 FFB7B4

 460003

 FFD4CF

 250001

 FFF3EC

 000000

 E40437

 E40437

 E40034

 E41B49

 E4325A

 E4486C

 E45F7D

 E4768F

 E48DA1

 E4A4B2

 E4BAC4

 E4D1D5

Harmonies

Analogous

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



E5007C



E40437



C44C00

Triad

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



E40437



008A18



007EFF

Complementary

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



E40437



04E4B1

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.



008BEA



E40437



008E69

Square

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



E40437



4B8000



008FB1



4F62F2

Rectangle

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



E40437



A46400



008FB1



0084FE

Sweetspot

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



E40437



FFB5C6



B004E4



80535D



000000



808080

Same Dimension

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



E40437



FF003A



E44004



73676A



B30029



33000C

Inverse Universe

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



E40437



FF003A



04A8E4



73676A



B30029



33000C

Previews

White Background



This preview shows how the Hex color E40437 looks on a white background.

Color Contrast Check

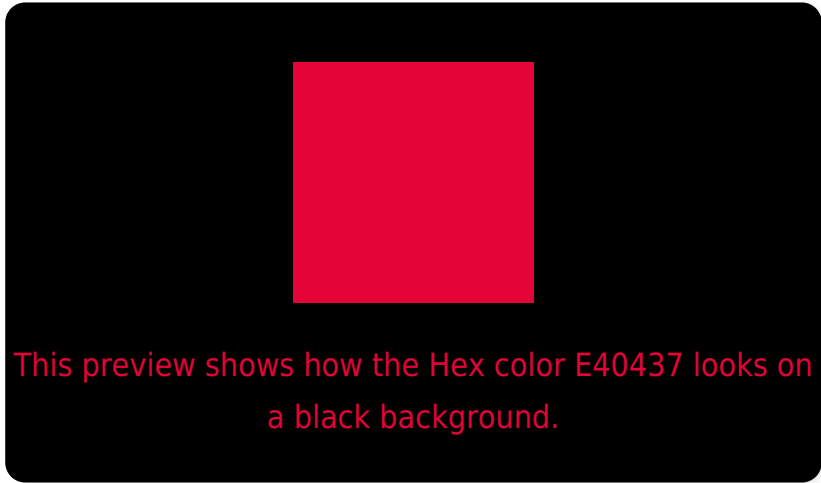
Large Text (above 18pt) WCAG AA ✓ Pass

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 E40437 Background



This preview shows how black text looks on a background with the Hex color E40437.



This preview shows how white text looks on a background with the Hex color E40437.

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
E40437

Protanopia
7D7453

Deuteranopia
916E2A



Tritanopia
E3170E

Trichromacy



Original Color
E40437



Protanomaly
A24B49



Deuteranomaly
AF472F



Tritanomaly
E3101D

Monochromacy



Original Color
E40437



Achromatopsia
4D4D4D



Achromatomaly
843245

CSS Examples

Text

The CSS property to change the color of the text to Hex E40437 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 #E40437 looks like.

```
.text, #text, p{  
    color:#E40437  
}
```

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 #E40437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40437
}
```

Border

The CSS property to change the border of an element to Hex E40437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

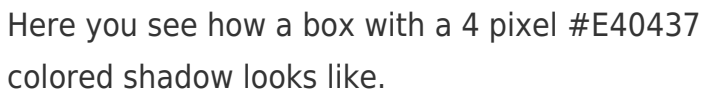
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E40437 }
```

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

```
.border{ border-color:#E40437 }
```

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



Here you see how a box with a 4 pixel #E40437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40437; -webkit-box-shadow:4px 4px  
4px 4px #E40437; box-shadow:4px 4px 4px  
4px #E40437 }
```

Background

The CSS property to change the background color of an element to Hex E40437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40437 }
```

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

```
.background{ background-color:#E40437 }
```

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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