

Converting Colors

Hex(E40D3E)

Have a look what the booklet for
Hex(E40D3E) contains.

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Color

Hex(E40D3E)

Conversions

Conversions Part 1

Format	Color
Hex	E40D3E
RGB	228, 13, 62
RGB Percent	89%, 5%, 24%
CMY	0.1059, 0.9490, 0.7569
CMYK	0.00, 0.94, 0.73, 0.11
HSL	346°, 89%, 47%
HSV	346°, 94%, 89%
XYZ	33.0083, 17.1296, 6.1240
YIQ	82.8710, 112.4110, 60.8190

Conversions

Conversions Part 2

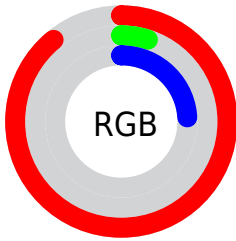
Format	Color
RYB	228, 13, 62
Decimal	14945598
CIELab	48.42, 73.77, 34.45
CIElCh	48, 81.412, 25.031
Yxy	17.1296, 0.5867, 0.3045
Android (android.graphics.Color)	4293135678 (0xFFE40D3E)
YUV	82.8710, -10.2894, 127.2781
Hunter-Lab	41.3880, 69.9310, 20.1986

Details

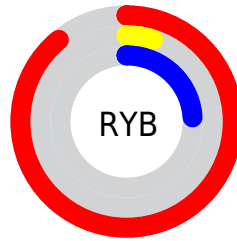
The Hex color **E40D3E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0DE4B3**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5F6D**, and **A30014** is the 20% darker color. If you saturate the color by 10%, you get **E40034**, and if you desaturate by 10%, it is **E42450**.

Distribution



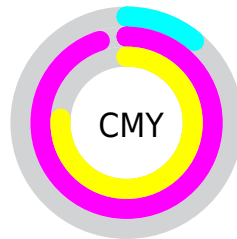
- Red (89%)
- Green (5%)
- Blue (24%)



- Red (89%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E40D3E 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 E40D3E by changing the saturation by 10% instead.

 E40D3E

 E40D3E

FFFFFF

 C40028

 FF5F6D

 A30014

 FF7D87

 840000

 FF9BA1

 640002

 FFB8BC

 460004

 FFD6D8

 250001

 FFF5F4

 000000

 E40D3E

 E40D3E

 E40034

 E42450

 E43B61

 E45173

 E46884

 E47F96

 E496A8

 E4ADB9

 E4C3CB

 E4DADC

Harmonies

Analogous

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



E20082



E40D3E



C74B00

Triad

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



E40D3E



008A15



0080FE

Complementary

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



E40D3E



0DE4B3

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.



008CE4



E40D3E



008E65

Square

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



E40D3E



548000



008FAC



4466F2

Rectangle

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



E40D3E



A86300



008FAC



0085FA

Sweetspot

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



E40D3E



FFB8C8



B20DE4



80545E



000000



808080

Same Dimension

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



E40D3E



FF003A



E4460D



73676A



B30029



33000C

Inverse Universe

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



E40D3E



FF003A



0DABE4



73676A



B30029



33000C

Previews

White Background



This preview shows how the Hex color E40D3E looks on a white background.

Color Contrast Check

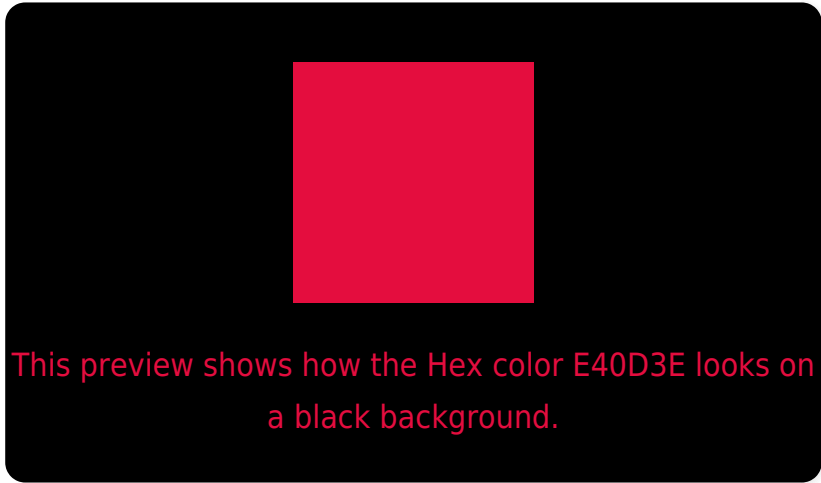
Large Text (above 18pt) WCAG AA ✓ Pass

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 E40D3E Background



This preview shows how black text looks on a background with the Hex color E40D3E.

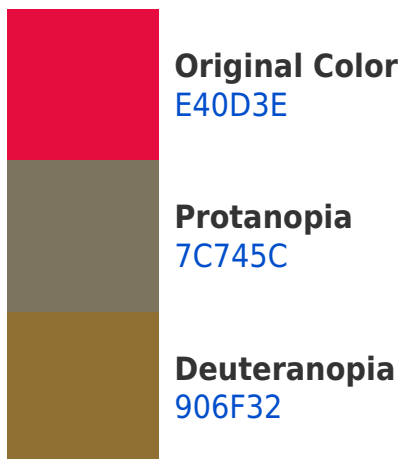


This preview shows how white text looks on a background with the Hex color E40D3E.

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
E31C16

Trichromacy



Original Color
E40D3E



Protanomaly
A24F51



Deuteranomaly
AF4B36



Tritanomaly
E31725

Monochromacy



Original Color
E40D3E



Achromatopsia
535353



Achromatomaly
883A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex E40D3E 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 #E40D3E looks like.

```
.text, #text, p{  
    color:#E40D3E  
}
```

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 #E40D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40D3E
}
```

Border

The CSS property to change the border of an element to Hex E40D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

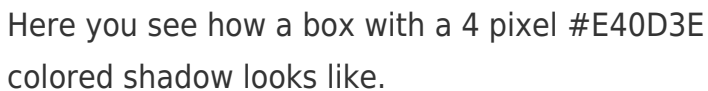
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E40D3E }
```

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

```
.border{ border-color:#E40D3E }
```

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



Here you see how a box with a 4 pixel #E40D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40D3E; -webkit-box-shadow:4px 4px  
4px 4px #E40D3E; box-shadow:4px 4px 4px  
4px #E40D3E }
```

Background

The CSS property to change the background color of an element to Hex E40D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40D3E }
```

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

```
.background{ background-color:#E40D3E }
```

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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