

# Converting Colors

Hex(E40422)

Have a look what the booklet for  
Hex(E40422) contains.

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**Color**

**Hex(E40422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E40422
RGB	228, 4, 34
RGB Percent	89%, 2%, 13%
CMY	0.1059, 0.9843, 0.8667
CMYK	0.00, 0.98, 0.85, 0.11
HSL	352°, 97%, 45%
HSV	352°, 98%, 89%
XYZ	32.3271, 16.6963, 3.0323
YIQ	74.3960, 123.8740, 56.8180

# Conversions

## Conversions Part 2

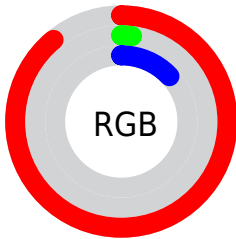
Format	Color
<b>RYB</b>	228, 4, 34
Decimal	14943266
CIELab	47.88, 73.69, 49.51
CIElCh	48, 88.778, 33.893
Yxy	16.6963, 0.6210, 0.3207
Android (android.graphics.Color)	4293133346 (0xFFE40422)
YUV	74.3960, -19.9152, 134.7107
Hunter-Lab	40.8611, 69.7124, 24.2029

# Details

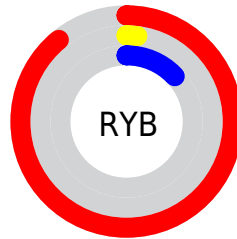
The Hex color **E40422** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **04E4C6**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5C51**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E4001F**, and if you desaturate by 10%, it is **E41B36**.

# Distribution



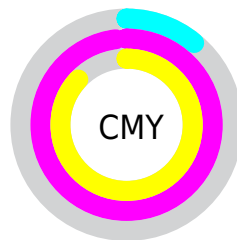
- Red (89%)
- Green (2%)
- Blue (13%)



- Red (89%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (98%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E40422 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 E40422 by changing the saturation by 10% instead.



 E40422

 E40422

FFFFFFF

 C3000B

 FF5C51

 A30000

 FF7A69

 820000

 FF9883

 620002

 FFB69D

 440003

 FFD4B8

 230001

 FFF2D4

 000000

 FFFFFF1

 E40422

 E40422

 E4001F

 E41B36

 E43249

 E4485D

 E45F71

 E47685

 E48D98

 E4A4AC

 E4BAC0

 E4D1D4

# Harmonies

## Analogous

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



EE006C



E40422



BD5200

# Triad

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



E40422



008B27



007AFF

# Complementary

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



E40422



04E4C6

# 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.



008AFA



E40422



008F7A

# Square

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



E40422



2B8300



008FC4



7157F0

# Rectangle

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



E40422



986A00



008FC4



0081FF



# Sweetspot

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



E40422



FFB5BF



C204E4



805359



000000



808080



# Same Dimension

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



E40422



FF0022



E45204



736769



B30018



330007



# Inverse Universe

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



E40422



FF0022



0496E4



736769



B30018



330007



# Previews

## White Background



This preview shows how the Hex color E40422 looks on a white background.

## Color Contrast Check

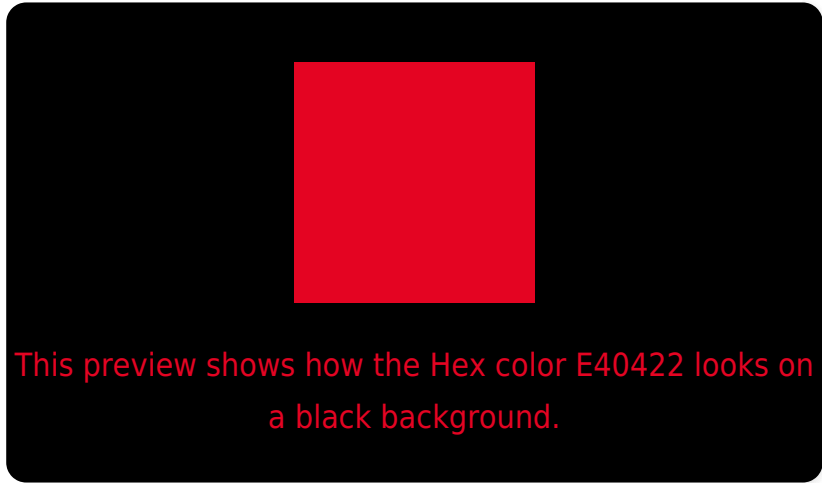
Large Text (above 18pt) WCAG AA ✓ Pass

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 E40422 Background



This preview shows how black text looks on a background with the Hex color E40422.



This preview shows how white text looks on a background with the Hex color E40422.

# 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



# Trichromacy



**Original Color**  
E40422

**Protanomaly**  
A44B30

**Tritanomaly**  
E30F0C

# Monochromacy



**Original Color**  
E40422

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
82313B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E40422 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 #E40422 looks like.

```
.text, #text, p{  
  color:#E40422  
}
```

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 #E40422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40422
}
```

## Border

The CSS property to change the border of an element to Hex E40422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

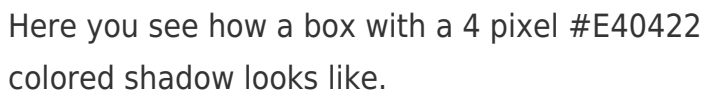
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E40422 }
```

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

```
.border{ border-color:#E40422 }
```

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



Here you see how a box with a 4 pixel #E40422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40422; -webkit-box-shadow:4px 4px  
4px 4px #E40422; box-shadow:4px 4px 4px  
4px #E40422 }
```

# Background

The CSS property to change the background color of an element to Hex E40422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40422 }
```

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

```
.background{ background-color:#E40422 }
```

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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