

# Converting Colors

Hex(E40E14)

Have a look what the booklet for  
Hex(E40E14) contains.

<b>Hex(E40E14)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(E40E14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E40E14
RGB	228, 14, 20
RGB Percent	89%, 5%, 8%
CMY	0.1059, 0.9451, 0.9216
CMYK	0.00, 0.94, 0.91, 0.11
HSL	358°, 88%, 47%
HSV	358°, 94%, 89%
XYZ	32.2782, 16.8586, 2.2146
YIQ	78.6700, 125.6180, 47.2340

# Conversions

## Conversions Part 2

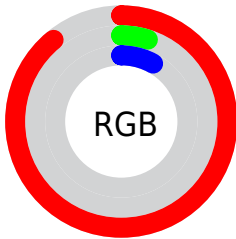
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 14, 20
Decimal	14945812
CIE Lab	48.08, 72.63, 55.89
CIE LCh	48, 91.644, 37.580
Yxy	16.8586, 0.6286, 0.3283
Android (android.graphics.Color)	4293135892 (0xFFE40E14)
YUV	78.6700, -28.9243, 130.9624
Hunter-Lab	41.0592, 68.4722, 25.5435

# Details

The Hex color **E40E14** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0EE4DE**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5E45**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E40006**, and if you desaturate by 10%, it is **E4252A**.

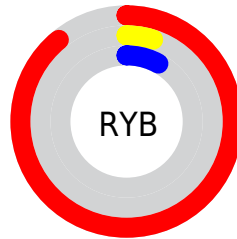
# Distribution



Red (89%)

Green (5%)

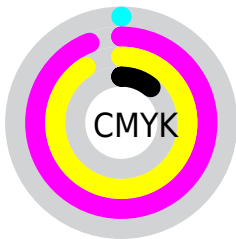
Blue (8%)



Red (89%)

Yellow (5%)

Blue (8%)

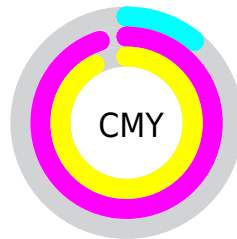


Cyan (0%)

Magenta (94%)

Yellow (91%)

Black (11%)



Cyan (11%)

Magenta (95%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E40E14 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 E40E14 by changing the saturation by 10% instead.



 E40E14

 E40E14

FFFFFF

 C30000

 FF5E45

 A20000

 FF7C5D

 820000

 FF9A77

 620002

 FFB791

 440003

 FFD5AC

 230001

 FFF3C8

 000000

 FFFFE4

 E40E14

 E40E14

 E40006

 E4252A

 E43C40

 E45256

 E4696D

 E48083

 E49799

 E4AEAF

 E4C4C5

 E4DBDB

# Harmonies

## Analogous

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



F30063



E40E14



B95700

# Triad

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



E40E14



008D31



0077FF

# Complementary

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



E40E14



0EE4DE

# 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.



008AFF



E40E14



009085

# Square

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



E40E14



038600



0090D0



8350EF

# Rectangle

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



E40E14



916D00



0090D0



007FFF



# Sweetspot

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



E40E14



FFB8BA



DD0EE4



805455



000000



808080



# Same Dimension

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



E40E14



FF0007



E4720E



736768



B30005



330001



# Inverse Universe

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



E40E14



FF0007



0E80E4



736768



B30005



330001



# Previews

## White Background



This preview shows how the Hex color E40E14 looks on a white background.

## Color Contrast Check

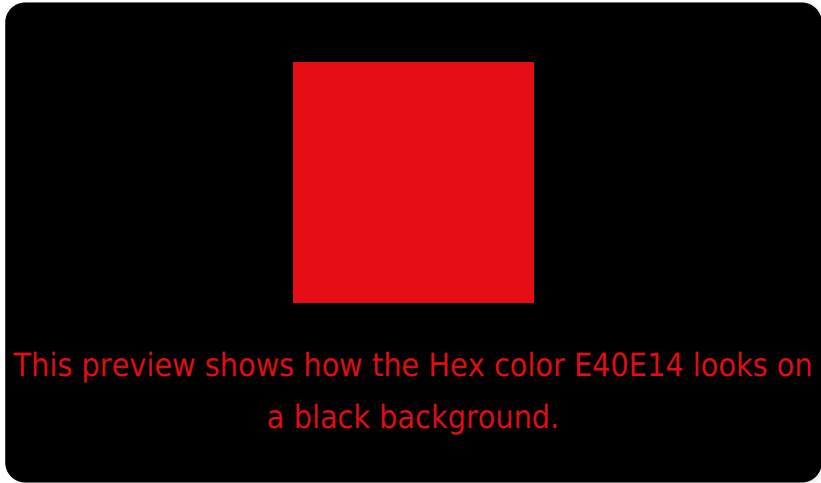
Large Text (above 18pt) WCAG AA ✓ Pass

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 E40E14 Background



This preview shows how black text looks on a background with the Hex color E40E14.



This preview shows how white text looks on a background with the Hex color E40E14.

# 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**  
E40E14

**Protanopia**  
817428

**Deuteranopia**  
926E00



**Tritanopia**  
E31400

# Trichromacy



**Original Color**  
E40E14

**Protanomaly**  
A54F21

**Deuteranomaly**  
B04B07

**Tritanomaly**  
E31207

# Monochromacy



**Original Color**  
E40E14

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
85373A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E40E14 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 #E40E14 looks like.

```
.text, #text, p{  
    color:#E40E14  
}
```

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 #E40E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40E14
}
```

## Border

The CSS property to change the border of an element to Hex E40E14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

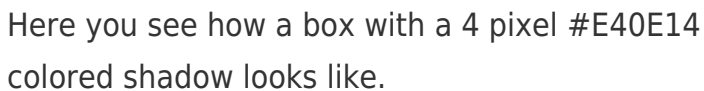
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E40E14 }
```

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

```
.border{ border-color:#E40E14 }
```

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



Here you see how a box with a 4 pixel #E40E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40E14; -webkit-box-shadow:4px 4px  
4px 4px #E40E14; box-shadow:4px 4px 4px  
4px #E40E14 }
```

# Background

The CSS property to change the background color of an element to Hex E40E14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40E14 }
```

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

```
.background{ background-color:#E40E14 }
```

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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