

Converting Colors

Hex(E4170E)

Have a look what the booklet for
Hex(E4170E) contains.

Hex(E4170E)	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(E4170E)

Conversions

Conversions Part 1

Format	Color
Hex	E4170E
RGB	228, 23, 14
RGB Percent	89%, 9%, 5%
CMY	0.1059, 0.9098, 0.9451
CMYK	0.00, 0.90, 0.94, 0.11
HSL	3°, 88%, 47%
HSV	3°, 94%, 89%
XYZ	32.3806, 17.1385, 2.0169
YIQ	83.2690, 125.0690, 40.6610

Conversions

Conversions Part 2

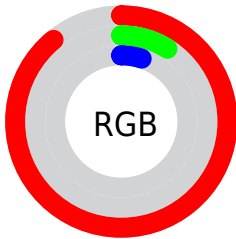
Format	Color
RYB	228, 23, 14
Decimal	14948110
CIELab	48.43, 71.48, 58.18
CIElCh	48, 92.158, 39.143
Yxy	17.1385, 0.6283, 0.3326
Android (android.graphics.Color)	4293138190 (0xFFE4170E)
YUV	83.2690, -34.1496, 126.9291
Hunter-Lab	41.3986, 67.1688, 26.0905

Details

The Hex color **E4170E** 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 **0EDBE4**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6141**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E40A00**, and if you desaturate by 10%, it is **E42D25**.

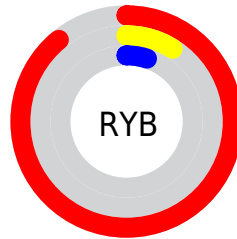
Distribution



Red (89%)

Green (9%)

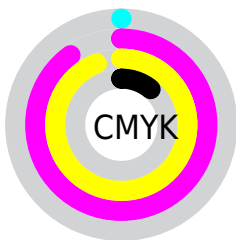
Blue (5%)



Red (89%)

Yellow (9%)

Blue (5%)

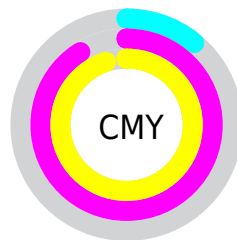


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (11%)



Cyan (11%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4170E 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 E4170E by changing the saturation by 10% instead.

 E4170E

 E4170E

FFFFFFD

 C30000

 FF6141

 A20000

 FF7F5A

 820000

 FF9C73

 620001

 FFBA8D

 450003

 FFD7A8

 230001

 FFF5C4

 000000

 FFFFEO

 E4170E

 E4170E

 E40A00

 E42D25

 E4433C

 E45952

 E46E69

 E48480

 E49A97

 E4B0AE

 E4C6C4

 E4DCDB

Harmonies

Analogous

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



F5005F



E4170E



B75900

Triad

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



E4170E



008E36



0077FF

Complementary

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



E4170E



0EDBE4

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.



008BFF



E4170E



00918A

Square

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



E4170E



008700



0091D5



8B4EEE

Rectangle

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



E4170E



8E7000



0091D5



007FFF

Sweetspot

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



E4170E



FFBBB8



E40EDD



805654



000000



808080

Same Dimension

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



E4170E



FF0B00



E4800E



736867



B30800



330200

Inverse Universe

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



0EDBE4



00F4FF



0E72E4



677273



00ABB3



003133

Previews

White Background



This preview shows how the Hex color E4170E looks on a white background.

Color Contrast Check

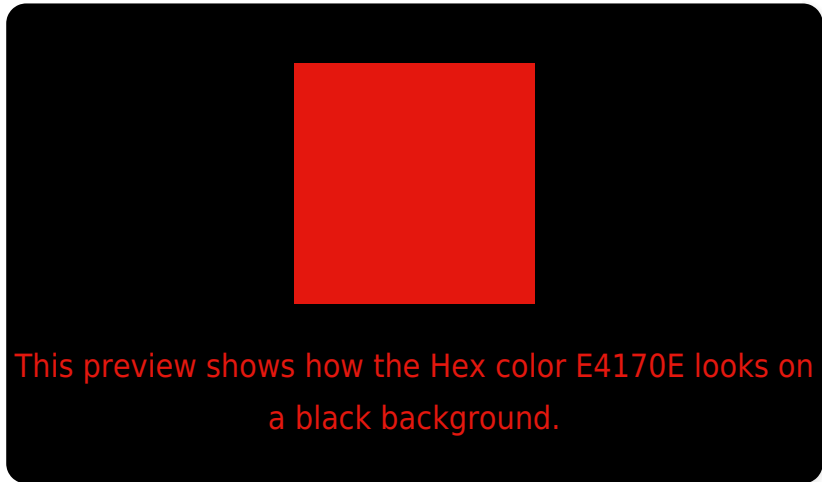
Large Text (above 18pt) WCAG AA ✓ Pass

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 E4170E Background



This preview shows how black text looks on a background with the Hex color E4170E.



This preview shows how white text looks on a background with the Hex color E4170E.

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
E4170E

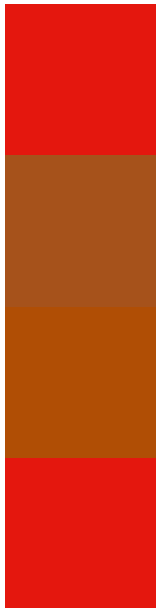
Protanopia
827422

Deuteranopia
926E00



Tritanopia
E4170E

Trichromacy



Original Color
E4170E

Protanomaly
A6521B

Deuteranomaly
B04E05

Tritanomaly
E4170E

Monochromacy



Original Color
E4170E

Achromatopsia
535353

Achromatomaly
883D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex E4170E 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 #E4170E looks like.

```
.text, #text, p{  
    color:#E4170E  
}
```

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 #E4170E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4170E
}
```

Border

The CSS property to change the border of an element to Hex E4170E is called "border". The border property can be set on classes, ids or directly on the HTML element.

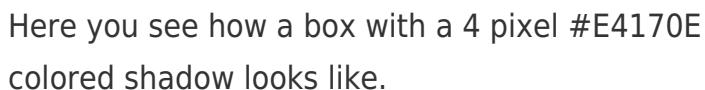
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E4170E }
```

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

```
.border{ border-color:#E4170E }
```

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



Here you see how a box with a 4 pixel #E4170E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4170E; -webkit-box-shadow:4px 4px  
4px 4px #E4170E; box-shadow:4px 4px 4px  
4px #E4170E }
```

Background

The CSS property to change the background color of an element to Hex E4170E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4170E }
```

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

```
.background{ background-color:#E4170E }
```

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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