

Converting Colors

Hex(E34417)

Have a look what the booklet for
Hex(E34417) contains.

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Color

Hex(E34417)

Conversions

Conversions Part 1

Format	Color
Hex	E34417
RGB	227, 68, 23
RGB Percent	89%, 27%, 9%
CMY	0.1098, 0.7333, 0.9098
CMYK	0.00, 0.70, 0.90, 0.11
HSL	13°, 82%, 49%
HSV	13°, 90%, 89%
XYZ	33.9003, 20.5270, 2.9860
YIQ	110.4110, 109.2090, 19.7130

Conversions

Conversions Part 2

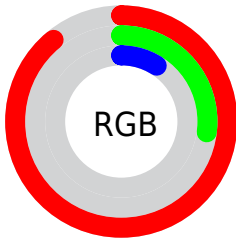
Format	Color
RYB	227, 81, 23
Decimal	14894103
CIELab	52.43, 59.64, 57.67
CIElCh	52, 82.961, 44.036
Yxy	20.5270, 0.5905, 0.3575
Android (android.graphics.Color)	4293084183 (0xFFE34417)
YUV	110.4110, -43.0936, 102.2486
Hunter-Lab	45.3067, 54.2741, 27.8072

Details

The Hex color **E34417** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17B6E3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7D4A**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E33200**, and if you desaturate by 10%, it is **E3562E**.

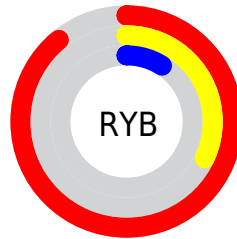
Distribution



Red (89%)

Green (27%)

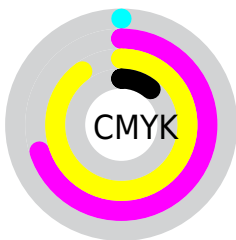
Blue (9%)



Red (89%)

Yellow (32%)

Blue (9%)

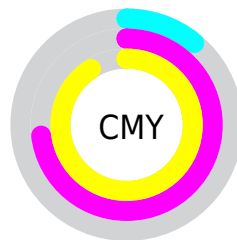


Cyan (0%)

Magenta (70%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E34417 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 E34417 by changing the saturation by 10% instead.

 E34417

 E34417

FFFFFF

 C32400

 FF7D4A

 A30000

 FF9963

 830000

 FFB67D

 640000

 FFD398

 470002

 FFF0B3

 280001

 FFFFCE

 000000

 FFFFEC

 E34417

 E34417

 E33200

 E3562E

 E36744

 E3795B

 E38B72

 E39C88

 E3AE9F

 E3C0B6

 E3D2CD

 E3E3E3

Harmonies

Analogous

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



F6025F



E34417



B76C00

Triad

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



E34417



009953



007BFF

Complementary

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



E34417



17B6E3

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.



0090FF



E34417



009B9E

Square

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



E34417



019200



0099E0



A756E5

Rectangle

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



E34417



907E00



0099E0



0084FF

Sweetspot

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



E34417



FFC9BA



E317B7



806057



000000



808080

Same Dimension

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



E34417



FF3800



E3A917



736A67



B32700



330B00

Inverse Universe

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



17B6E3



00C7FF



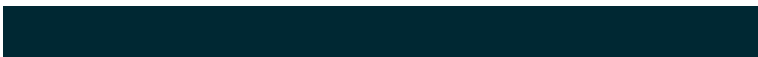
1751E3



677073



008BB3



002833

Previews

White Background



This preview shows how the Hex color E34417 looks on a white background.

Color Contrast Check

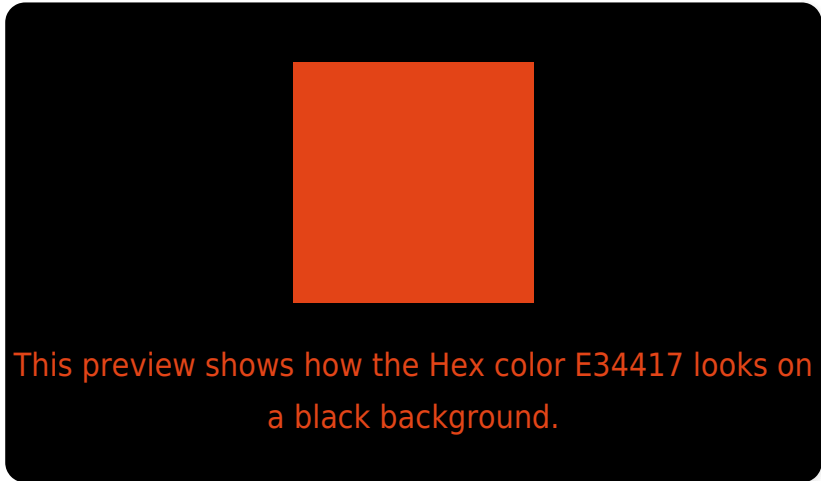
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E34417 Background



This preview shows how black text looks on a background with the Hex color E34417.



This preview shows how white text looks on a background with the Hex color E34417.

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
E34417

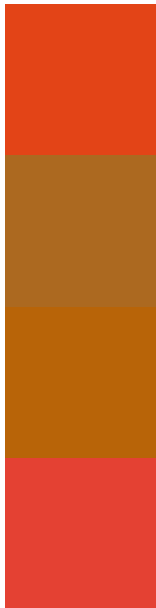
Protanopia
8D7E25

Deuteranopia
9F7700



Tritanopia
E44043

Trichromacy



Original Color
E34417

Protanomaly
AC6920

Deuteranomaly
B86408

Tritanomaly
E44133

Monochromacy



Original Color
E34417

Achromatopsia
6E6E6E

Achromatomaly
995F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex E34417 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 #E34417 looks like.

```
.text, #text, p{  
  color:#E34417  
}
```

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 #E34417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34417
}
```

Border

The CSS property to change the border of an element to Hex E34417 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
#E34417 }
```

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

```
.border{ border-color:#E34417 }
```

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

Here you see how a box with a 4 pixel #E34417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34417; -webkit-box-shadow:4px 4px  
4px 4px #E34417; box-shadow:4px 4px 4px  
4px #E34417 }
```

Background

The CSS property to change the background color of an element to Hex E34417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34417 }
```

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

```
.background{ background-color:#E34417 }
```

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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