

Converting Colors

Hex(0E3717)

Have a look what the booklet for
Hex(0E3717) contains.

Hex(0E3717)	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(0E3717)

Conversions

Conversions Part 1

Format	Color
Hex	0E3717
RGB	14, 55, 23
RGB Percent	5%, 22%, 9%
CMY	0.9451, 0.7843, 0.9098
CMYK	0.75, 0.00, 0.58, 0.78
HSL	133°, 59%, 14%
HSV	133°, 75%, 22%
XYZ	1.7019, 2.8876, 1.2783
YIQ	39.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

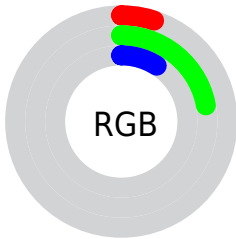
Format	Color
RYB	14, 48, 55
Decimal	931607
CIELab	19.59, -22.59, 15.90
CIELCh	20, 27.624, 144.851
Yxy	2.8876, 0.2900, 0.4921
Android (android.graphics.Color)	4279121687 (0xFF0E3717)
YUV	39.0930, -7.9338, -22.0066
Hunter-Lab	16.9929, -11.8598, 7.4350

Details

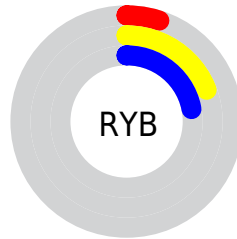
The Hex color **0E3717** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **370E2E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3E6643**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **093713**, and if you desaturate by 10%, it is **13371B**.

Distribution



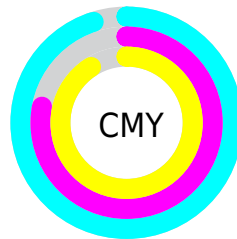
- Red (5%)
- Green (22%)
- Blue (9%)



- Red (5%)
- Yellow (19%)
- Blue (22%)



- Cyan (75%)
- Magenta (0%)
- Yellow (58%)
- Black (78%)



- Cyan (95%)
- Magenta (78%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3717 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 0E3717 by changing the saturation by 10% instead.

 0E3717

 0E3717

 F8FFFB

 002200

 3E6643

 000000

 56805A

 6F9A73

 89B58C

 A4D0A7

 BFEDC2

 DBFFDE

 0E3717

 0E3717

■ 093713

■ 13371B

■ 03370E

■ 193720

■ 00370C

■ 1E3724

■ 243728

■ 2A372C

■ 2F3731

■ 353735

■ 3A3739

■ 40373E

Harmonies

Analogous

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



2A3306



0E3717



00392B

Triad

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



0E3717



003358



531E20

Complementary

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



0E3717



370E2E

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.



521D34



0E3717



292C54

Square

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



0E3717



003750



442347



4B250E

Rectangle

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



0E3717



003939



442347



541D26

Sweetspot

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



0E3717



38473B



2E370E



1A241C



A3A3A3



242424

Same Dimension

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



0E3717



084716



0E372B



191C1A



005C14



00DB30

Inverse Universe

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



370E2E



470839



370E1A



1C191B



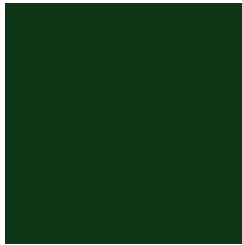
5C0048



DB00AB

Previews

White Background



This preview shows how the Hex color 0E3717 looks on a white background.

Color Contrast Check

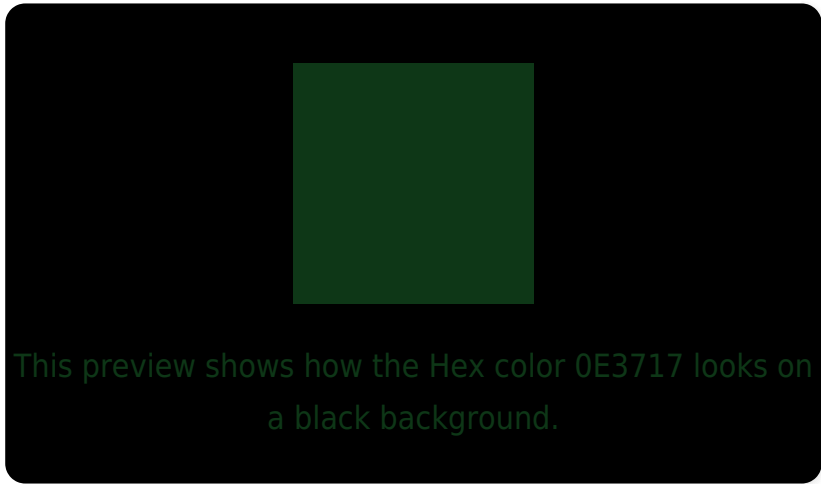
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

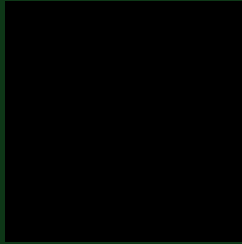
Any Text WCAG AA × Fail

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 0E3717 Background



This preview shows how black text looks on a background with the Hex color 0E3717.



This preview shows how white text looks on a background with the Hex color 0E3717.

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](#).

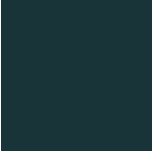
Dichromacy



Original Color
0E3717

Protanopia
353015

Deuteranopia
3A2D1A



Tritanopia
193438

Trichromacy



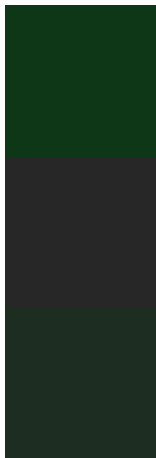
Original Color
0E3717

Protanomaly
273316

Deuteranomaly
2A3119

Tritanomaly
15352C

Monochromacy



Original Color
0E3717

Achromatopsia
272727

Achromatomaly
1E2D21

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3717 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 #0E3717 looks like.

```
.text, #text, p{  
  color:#0E3717  
}
```

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 #0E3717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3717
}
```

Border

The CSS property to change the border of an element to Hex 0E3717 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
#0E3717 }
```

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

```
.border{ border-color:#0E3717 }
```

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

Here you see how a box with a 4 pixel #0E3717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3717; -webkit-box-shadow:4px 4px  
4px 4px #0E3717; box-shadow:4px 4px 4px  
4px #0E3717 }
```

Background

The CSS property to change the background color of an element to Hex 0E3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3717 }
```

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

```
.background{ background-color:#0E3717 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor