

Converting Colors

Hex(E83309)

Have a look what the booklet for
Hex(E83309) contains.

Hex(E83309)	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(E83309)

Conversions

Conversions Part 1

Format	Color
Hex	E83309
RGB	232, 51, 9
RGB Percent	91%, 20%, 4%
CMY	0.0902, 0.8000, 0.9647
CMYK	0.00, 0.78, 0.96, 0.09
HSL	11°, 93%, 47%
HSV	11°, 96%, 91%
XYZ	34.5118, 19.5432, 2.2117
YIQ	100.3310, 121.3580, 25.3100

Conversions

Conversions Part 2

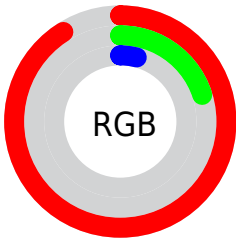
Format	Color
R_{YB}	232, 61, 9
Decimal	15217417
CIE _{Lab}	51.32, 66.55, 61.49
CIE _{LCh}	51, 90.611, 42.739
Yxy	19.5432, 0.6134, 0.3473
Android (android.graphics.Color)	4293407497 (0xFFE83309)
YUV	100.3310, -45.0262, 115.4737
Hunter-Lab	44.2077, 61.9872, 27.9791

Details

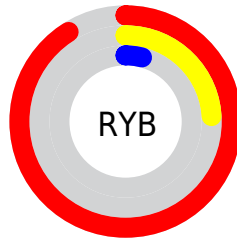
The Hex color **E83309** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **09BEE8**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7140**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E82C00**, and if you desaturate by 10%, it is **E84620**.

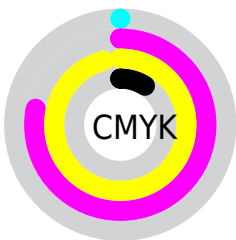
Distribution



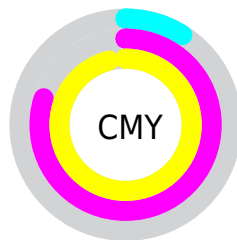
- Red (91%)
- Green (20%)
- Blue (4%)



- Red (91%)
- Yellow (24%)
- Blue (4%)



- Cyan (0%)
- Magenta (78%)
- Yellow (96%)
- Black (9%)



- Cyan (9%)
- Magenta (80%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83309 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 E83309 by changing the saturation by 10% instead.

 E83309

 E83309

FFFFFFE

 C70000

 FF7140

 A60000

 FF8E59

 860000

 FFAA73

 660000

 FFC88E

 490003

 FFE5A9

 2A0001

 FFFFC5

 000000

 FFFFE1

 E83309

 E83309

 E82C00

 E84620

 E85937

 E86B4F

 E87E66

 E8917D

 E8A494

 E8B7AB

 E8CAC3

 E8DCDA

Harmonies

Analogous

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



FC005E



E83309



B96600

Triad

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



E83309



009749



007AFF

Complementary

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



E83309



09BEE8

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



E83309



00999B

Square

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



E83309



009000



0098E3



A150EE

Rectangle

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



E83309



8F7A00



0098E3



0083FF

Sweetspot

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



E83309



FFC3B5



E809BF



805B53



000000



808080

Same Dimension

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



E83309



FF3000



E8A109



736967



B32200



330A00

Inverse Universe

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



09BEE8



00CFFF



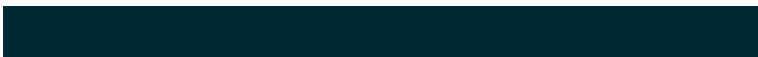
0950E8



677173



0091B3



002933

Previews

White Background



This preview shows how the Hex color E83309 looks on a white background.

Color Contrast Check

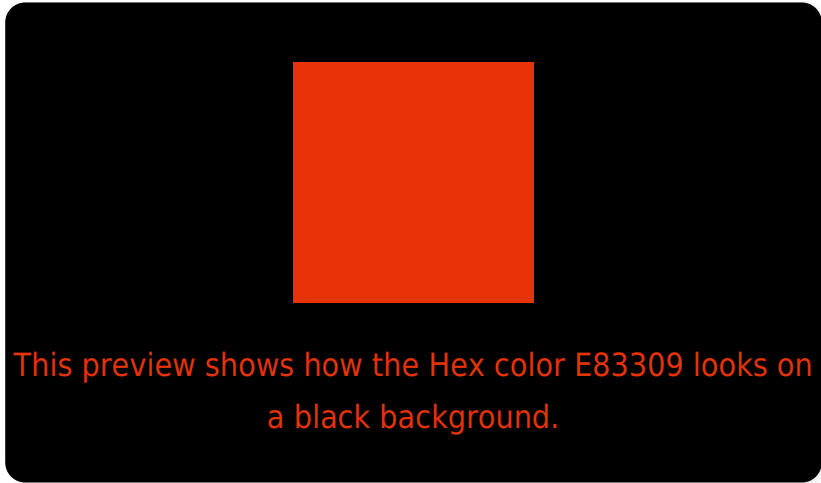
Large Text (above 18pt) WCAG AA ✓ Pass

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 E83309 Background



This preview shows how black text looks on a background with the Hex color E83309.



This preview shows how white text looks on a background with the Hex color E83309.

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
E83309

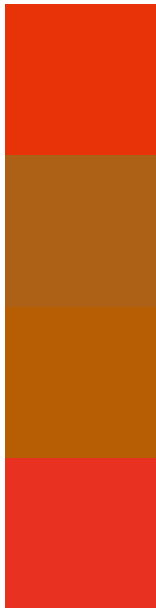
Protanopia
8A7B1D

Deuteranopia
9B7500



Tritanopia
E93030

Trichromacy



Original Color
E83309

Protanomaly
AC6116

Deuteranomaly
B75D03

Tritanomaly
E93122

Monochromacy



Original Color
E83309

Achromatopsia
646464

Achromatomaly
945243

CSS Examples

Text

The CSS property to change the color of the text to Hex E83309 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 #E83309 looks like.

```
.text, #text, p{  
    color:#E83309  
}
```

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 #E83309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83309
}
```

Border

The CSS property to change the border of an element to Hex E83309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

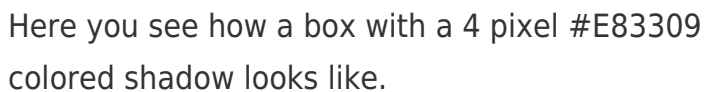
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E83309 }
```

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

```
.border{ border-color:#E83309 }
```

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



Here you see how a box with a 4 pixel #E83309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83309; -webkit-box-shadow:4px 4px  
4px 4px #E83309; box-shadow:4px 4px 4px  
4px #E83309 }
```

Background

The CSS property to change the background color of an element to Hex E83309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83309 }
```

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

```
.background{ background-color:#E83309 }
```

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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