

Converting Colors

Hex(E83400)

Have a look what the booklet for
Hex(E83400) contains.

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Color

Hex(E83400)

Conversions

Conversions Part 1

Format	Color
Hex	E83400
RGB	232, 52, 0
RGB Percent	91%, 20%, 0%
CMY	0.0902, 0.7961, 1.0000
CMYK	0.00, 0.78, 1.00, 0.09
HSL	13°, 100%, 45%
HSV	13°, 100%, 91%
XYZ	34.5067, 19.6118, 1.9667
YIQ	99.8920, 123.9720, 21.9880

Conversions

Conversions Part 2

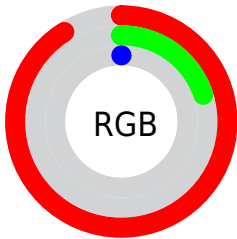
Format	Color
R_{YB}	232, 67, 0
Decimal	15217664
CIE _{Lab}	51.40, 66.19, 63.72
CIE _{LCh}	51, 91.881, 43.911
Yxy	19.6118, 0.6153, 0.3497
Android (android.graphics.Color)	4293407744 (0xFFE83400)
YUV	99.8920, -49.2468, 115.8587
Hunter-Lab	44.2852, 61.5868, 28.3665

Details

The Hex color **E83400** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00B4E8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF713B**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E83400**, and if you desaturate by 10%, it is **E84617**.

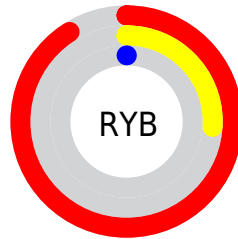
Distribution



Red (91%)

Green (20%)

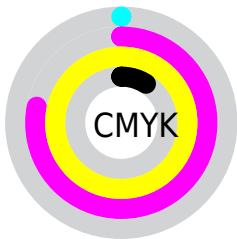
Blue (0%)



Red (91%)

Yellow (26%)

Blue (0%)

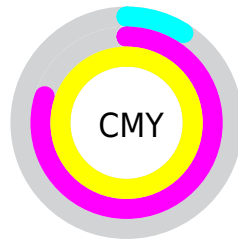


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83400 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 E83400 by changing the saturation by 10% instead.

 E83400

 E83400

 FFFFFA

 C70100

 FF713B

 A60000

 FF8E55

 860000

 FFAB6F

 660000

 FFC889

 490003

 FFE6A5

 2A0001

 FFFFC0

 000000

 FFFFDD

 E83400

 E84617

 E8582E

 E86A46

 E87C5D

 E88E74

 E8A08B

 E8B2A2

 E8C4BA

 E8D6D1

Harmonies

Analogous

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



FE005A



E83400



B76700

Triad

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



E83400



00974B



0079FF

Complementary

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



E83400



00B4E8

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



E83400



009A9E

Square

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



E83400



009100



0099E7



A64DEE

Rectangle

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



E83400



8D7B00



0099E7



0083FF

Sweetspot

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



E83400



FFC4B3



E800B6



805C52



000000



808080

Same Dimension

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



E83400



FF3900



E8A600



736A67



B32800



330B00

Inverse Universe

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



00B4E8



00C6FF



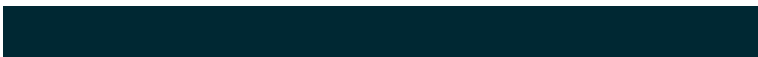
0042E8



677073



008AB3



002833

Previews

White Background



This preview shows how the Hex color E83400 looks on a white background.

Color Contrast Check

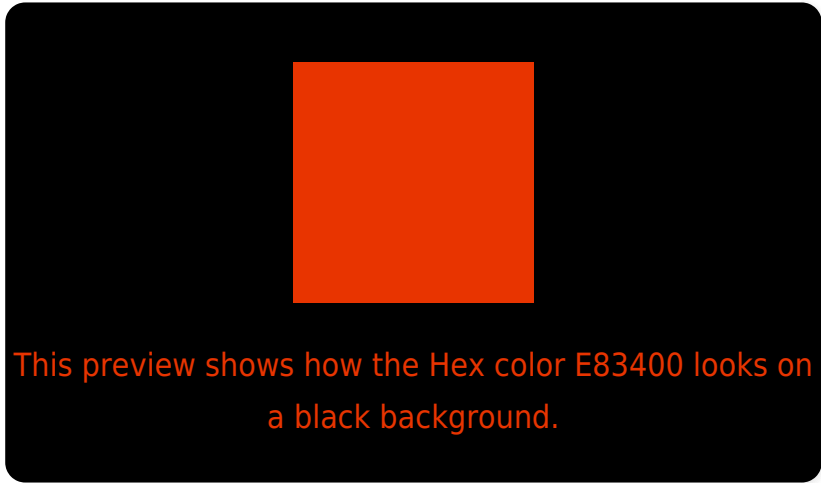
Large Text (above 18pt) WCAG AA ✓ Pass

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 E83400 Background



This preview shows how black text looks on a background with the Hex color E83400.



This preview shows how white text looks on a background with the Hex color E83400.

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
E83400

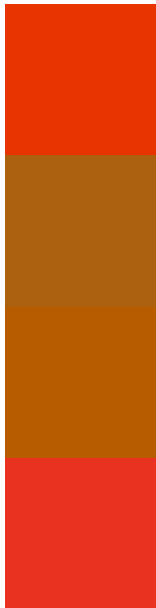
Protanopia
8A7B1B

Deuteranopia
9B7500



Tritanopia
E93131

Trichromacy



Original Color
E83400

Protanomaly
AC6111

Deuteranomaly
B75D00

Tritanomaly
E9321F

Monochromacy



Original Color
E83400

Achromatopsia
646464

Achromatomaly
945340

CSS Examples

Text

The CSS property to change the color of the text to Hex E83400 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 #E83400 looks like.

```
.text, #text, p{  
    color:#E83400  
}
```

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 #E83400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83400
}
```

Border

The CSS property to change the border of an element to Hex E83400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

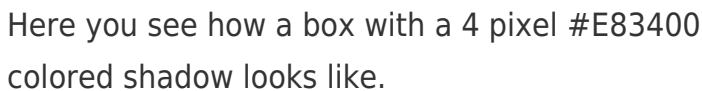
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E83400 }
```

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

```
.border{ border-color:#E83400 }
```

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



Here you see how a box with a 4 pixel #E83400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83400; -webkit-box-shadow:4px 4px  
4px 4px #E83400; box-shadow:4px 4px 4px  
4px #E83400 }
```

Background

The CSS property to change the background color of an element to Hex E83400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83400 }
```

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

```
.background{ background-color:#E83400 }
```

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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