

Converting Colors

Hex(E85E00)

Have a look what the booklet for
Hex(E85E00) contains.

Hex(E85E00)	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(E85E00)

Conversions

Conversions Part 1

Format	Color
Hex	E85E00
RGB	232, 94, 0
RGB Percent	91%, 37%, 0%
CMY	0.0902, 0.6314, 1.0000
CMYK	0.00, 0.59, 1.00, 0.09
HSL	24°, 100%, 45%
HSV	24°, 100%, 91%
XYZ	37.2814, 25.1612, 2.8917
YIQ	124.5460, 112.4220, 0.0220

Conversions

Conversions Part 2

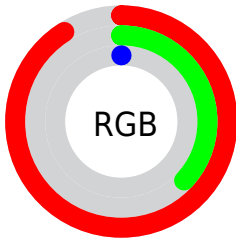
Format	Color
RYB	232, 158, 0
Decimal	15228416
CIELab	57.23, 50.35, 66.59
CIElCh	57, 83.484, 52.907
Yxy	25.1612, 0.5706, 0.3851
Android (android.graphics.Color)	4293418496 (0xFFE85E00)
YUV	124.5460, -61.4012, 94.2372
Hunter-Lab	50.1610, 44.8859, 31.6947

Details

The Hex color **E85E00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **008AE8**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9441**, and **A82700** is the 20% darker color. If you saturate the color by 10%, you get **E85E00**, and if you desaturate by 10%, it is **E86C17**.

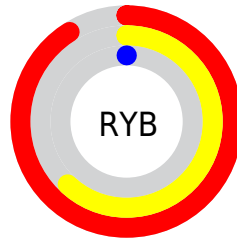
Distribution



Red (91%)

Green (37%)

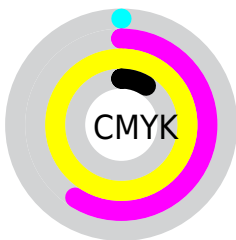
Blue (0%)



Red (91%)

Yellow (62%)

Blue (0%)

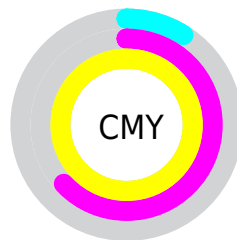


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E85E00 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 E85E00 by changing the saturation by 10% instead.

 E85E00

 E85E00

FFFFFF

 C84300

 FF9441

 A82700

 FFB05C

 880000

 FFCC76

 690000

 FFE992

 4C0000

 FFFFAD

 310002

 FFFFC9

 000000

 FFFFEE

 E85E00

 E86C17

 E87A2E

 E88746

 E8955D

 E8A374

 E8B18B

 E8BFA2

 E8CCBA

 E8DAD1

Harmonies

Analogous

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



FF3156



E85E00



B58000

Triad

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



E85E00



00A775



527EFF

Complementary

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



E85E00



008AE8

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.



0098FF



E85E00



00A9C0

Square

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



E85E00



00A225



00A5FE



CE55E3

Rectangle

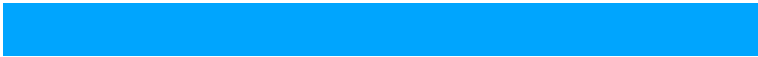
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E85E00



8A9000



00A5FE



0088FF

Sweetspot

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



E85E00



FFD1B3



E8008B



806452



000000



808080

Same Dimension

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



E85E00



FF6700



E8D100



736C67



B34800



331500

Inverse Universe

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



008AE8



0098FF



0017E8



676E73



006AB3



001E33

Previews

White Background



This preview shows how the Hex color E85E00 looks on a white background.

Color Contrast Check

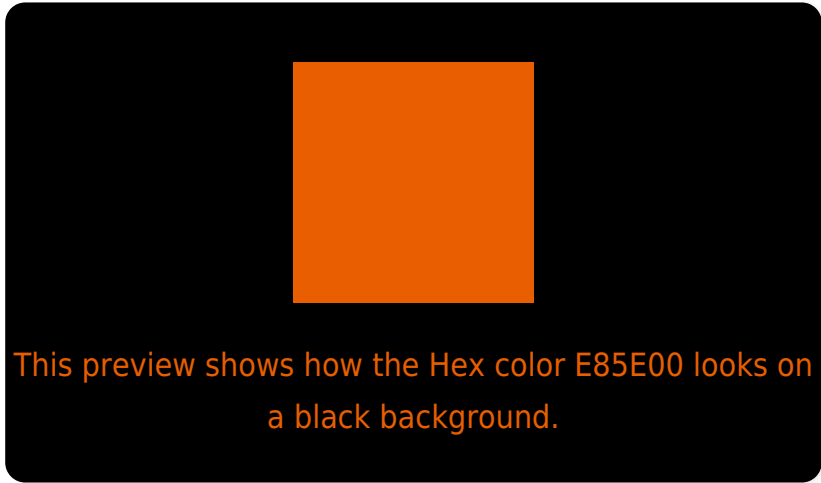
Large Text (above 18pt) WCAG AA ✓ Pass

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 E85E00 Background



This preview shows how black text looks on a background with the Hex color E85E00.



This preview shows how white text looks on a background with the Hex color E85E00.

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

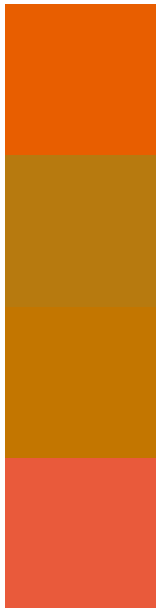


Original Color
E85E00

Protanopia
9B8A17

Deuteranopia
AE8300

Trichromacy



Original Color
E85E00

Protanomaly
B77A0F

Deuteranomaly
C37600

Tritanomaly
E95A3B

Monochromacy



Original Color
E85E00

Achromatopsia
7D7D7D

Achromatomaly
A47250

CSS Examples

Text

The CSS property to change the color of the text to Hex E85E00 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 #E85E00 looks like.

```
.text, #text, p{  
    color:#E85E00  
}
```

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 #E85E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85E00  
}
```

Border

The CSS property to change the border of an element to Hex E85E00 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  
#E85E00 }
```

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

```
.border{ border-color:#E85E00 }
```

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

Here you see how a box with a 4 pixel #E85E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85E00; -webkit-box-shadow:4px 4px  
4px 4px #E85E00; box-shadow:4px 4px 4px  
4px #E85E00 }
```

Background

The CSS property to change the background color of an element to Hex E85E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85E00 }
```

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

```
.background{ background-color:#E85E00 }
```

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