

Converting Colors

Hex(E85F04)

Have a look what the booklet for
Hex(E85F04) contains.

Hex(E85F04)	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(E85F04)

Conversions

Conversions Part 1

Format	Color
Hex	E85F04
RGB	232, 95, 4
RGB Percent	91%, 37%, 2%
CMY	0.0902, 0.6275, 0.9843
CMYK	0.00, 0.59, 0.98, 0.09
HSL	24°, 97%, 46%
HSV	24°, 98%, 91%
XYZ	37.3928, 25.3490, 3.0369
YIQ	125.5890, 110.8630, 0.7430

Conversions

Conversions Part 2

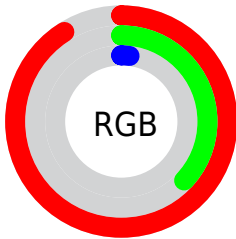
Format	Color
RYB	232, 155, 4
Decimal	15228676
CIELab	57.41, 49.93, 65.92
CIELCh	57, 82.698, 52.859
Yxy	25.3490, 0.5685, 0.3854
Android (android.graphics.Color)	4293418756 (0xFFE85F04)
YUV	125.5890, -59.9434, 93.3224
Hunter-Lab	50.3478, 44.4617, 31.6672

Details

The Hex color **E85F04** 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 **048DE8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9543**, and **A82800** is the 20% darker color. If you saturate the color by 10%, you get **E85D00**, and if you desaturate by 10%, it is **E86D1B**.

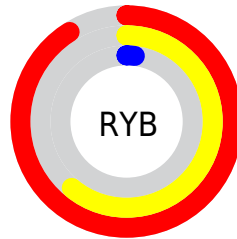
Distribution



Red (91%)

Green (37%)

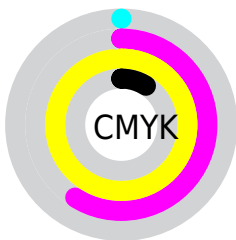
Blue (2%)



Red (91%)

Yellow (61%)

Blue (2%)

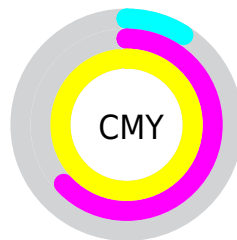


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (9%)



Cyan (9%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E85F04 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 E85F04 by changing the saturation by 10% instead.

 E85F04

 E85F04

FFFFFF

 C84400

 FF9543

 A82800

 FFB15E

 880100

 FFCD78

 6A0000

 FFEA93

 4C0000

 FFFF4F

 310002

 FFFF8B

 000000

 FFFF8B

 E85F04

 E85F04

■ E85D00

■ E86D1B

■ E87B32

■ E8894A

■ E89761

■ E8A578

■ E8B38F

■ E8C1A6

■ E8CFBE

■ E8DCD5

Harmonies

Analogous

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



FF3457



E85F04



B58100

Triad

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



E85F04



00A876



547FFF

Complementary

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



E85F04



048DE8

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



E85F04



00A9C0

Square

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



E85F04



00A226



00A5FD



CE57E2

Rectangle

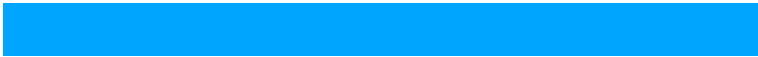
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E85F04



8A9000



00A5FD



0089FF

Sweetspot

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



E85F04



FFD3B5



E80491



806553



000000



808080

Same Dimension

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



E85F04



FF6600



E8CD04



736C67



B34700



331400

Inverse Universe

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



048DE8



0099FF



041FE8



676E73



006BB3



001F33

Previews

White Background



This preview shows how the Hex color E85F04 looks on a white background.

Color Contrast Check

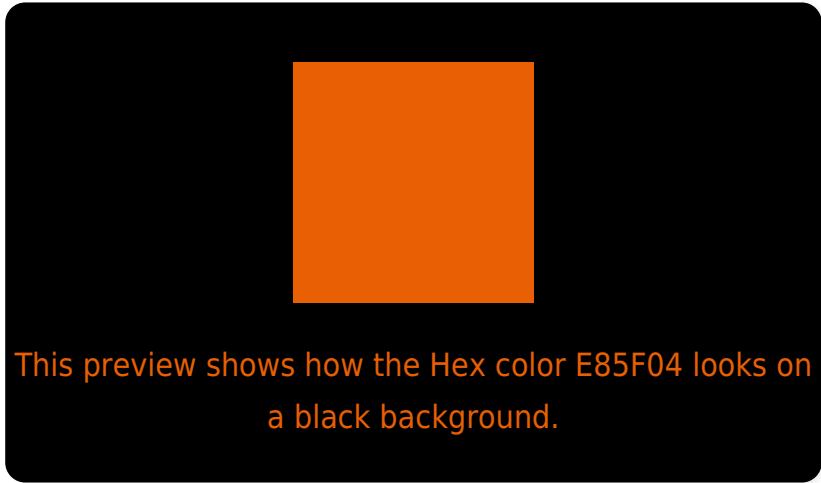
Large Text (above 18pt) WCAG AA ✓ Pass

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 E85F04 Background



This preview shows how black text looks on a background with the Hex color E85F04.



This preview shows how white text looks on a background with the Hex color E85F04.

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

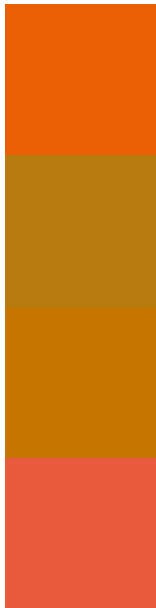


Original Color
E85F04

Protanopia
9C8B17

Deuteranopia
AF8300

Trichromacy



Original Color
E85F04

Protanomaly
B87B10

Deuteranomaly
C47601

Tritanomaly
E95B3D

Monochromacy



Original Color
E85F04

Achromatopsia
7E7E7E

Achromatomaly
A57352

CSS Examples

Text

The CSS property to change the color of the text to Hex E85F04 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 #E85F04 looks like.

```
.text, #text, p{  
    color:#E85F04  
}
```

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 #E85F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85F04
}
```

Border

The CSS property to change the border of an element to Hex E85F04 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
#E85F04 }
```

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

```
.border{ border-color:#E85F04 }
```

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

Here you see how a box with a 4 pixel #E85F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85F04; -webkit-box-shadow:4px 4px  
4px 4px #E85F04; box-shadow:4px 4px 4px  
4px #E85F04 }
```

Background

The CSS property to change the background color of an element to Hex E85F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85F04 }
```

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

```
.background{ background-color:#E85F04 }
```

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