

Converting Colors

Hex(E35800)

Have a look what the booklet for
Hex(E35800) contains.

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Color

Hex(E35800)

Conversions

Conversions Part 1

Format	Color
Hex	E35800
RGB	227, 88, 0
RGB Percent	89%, 35%, 0%
CMY	0.1098, 0.6549, 1.0000
CMYK	0.00, 0.61, 1.00, 0.11
HSL	23°, 100%, 45%
HSV	23°, 100%, 89%
XYZ	35.1683, 23.3103, 2.6458
YIQ	119.5290, 111.0920, 2.1000

Conversions

Conversions Part 2

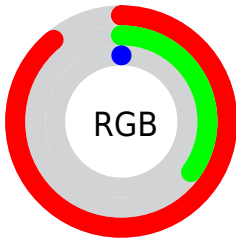
Format	Color
R_{YB}	227, 144, 0
Decimal	14899200
CIE _{Lab}	55.39, 51.24, 65.16
CIE _{LCh}	55, 82.891, 51.820
Yxy	23.3103, 0.5754, 0.3814
Android (android.graphics.Color)	4293089280 (0xFFE35800)
YUV	119.5290, -58.9278, 94.2521
Hunter-Lab	48.2808, 45.5301, 30.5475

Details

The Hex color **E35800** 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 **008BE3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8E40**, and **A31F00** is the 20% darker color. If you saturate the color by 10%, you get **E35800**, and if you desaturate by 10%, it is **E36617**.

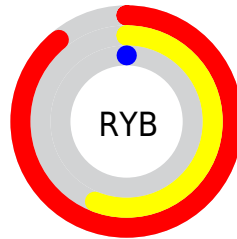
Distribution



Red (89%)

Green (35%)

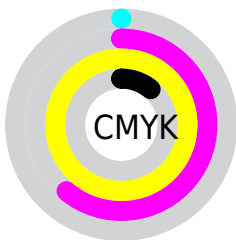
Blue (0%)



Red (89%)

Yellow (56%)

Blue (0%)

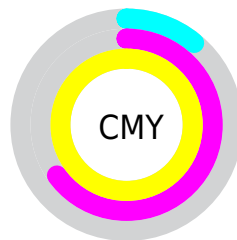


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E35800 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 E35800 by changing the saturation by 10% instead.

 E35800

 E35800

FFFFFF

 C33D00

 FF8E40

 A31F00

 FFAA5A

 830000

 FFC675

 650000

 FFE390

 470000

 FFFFAB

 2C0001

 FFFFC7

 000000

 FFFF E4

 E35800

 E36617

 E3742D

 E38244

 E3905B

 E39D72

 E3AB88

 E3B99F

 E3C7B6

 E3D5CC

Harmonies

Analogous

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



FE2954



E35800



B17B00

Triad

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



E35800



00A26E



427BFF

Complementary

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



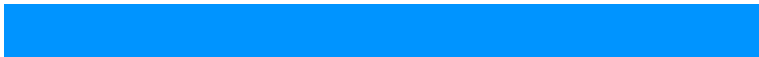
E35800



008BE3

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.



0094FF



E35800



00A3B8

Square

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



E35800



009C1C



00A0F6



C552DF

Rectangle

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



E35800



878B00



00A0F6



0085FF

Sweetspot

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



E35800



FFD0B3



E3008C



806352



000000



808080

Same Dimension

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



E35800



FF6300



E3C900



736C67



B34500



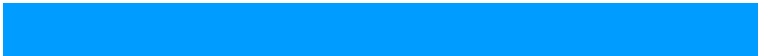
331400

Inverse Universe

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



008BE3



009CFF



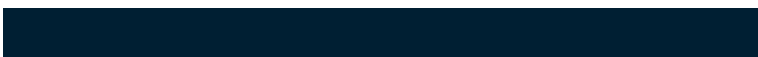
001AE3



676E73



006DB3



001F33

Previews

White Background



This preview shows how the Hex color E35800 looks on a white background.

Color Contrast Check

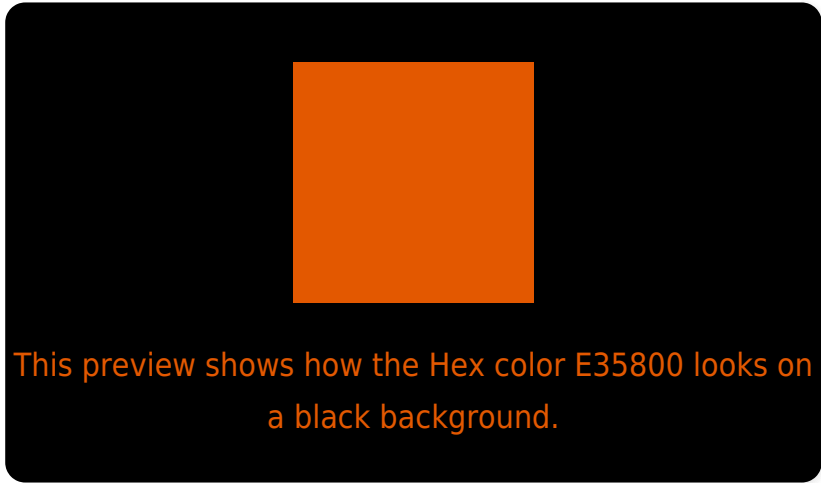
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35800 Background



This preview shows how black text looks on a background with the Hex color E35800.



This preview shows how white text looks on a background with the Hex color E35800.

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

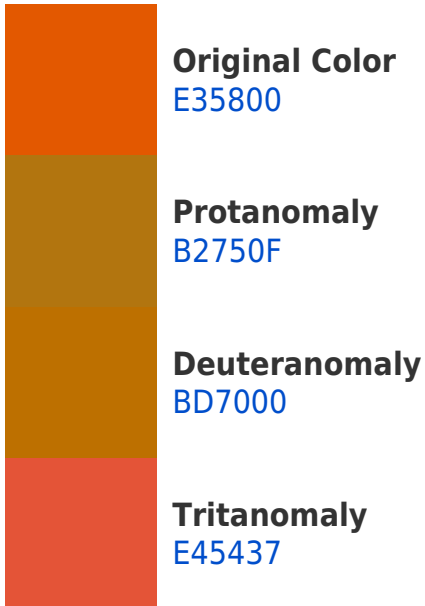


Original Color
E35800

Protanopia
968617

Deuteranopia
A87E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E35800 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 #E35800 looks like.

```
.text, #text, p{  
    color:#E35800  
}
```

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 #E35800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35800
}
```

Border

The CSS property to change the border of an element to Hex E35800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

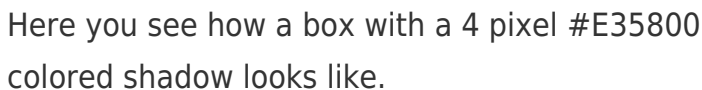
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E35800 }
```

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

```
.border{ border-color:#E35800 }
```

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



Here you see how a box with a 4 pixel #E35800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35800; -webkit-box-shadow:4px 4px  
4px 4px #E35800; box-shadow:4px 4px 4px  
4px #E35800 }
```

Background

The CSS property to change the background color of an element to Hex E35800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35800 }
```

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

```
.background{ background-color:#E35800 }
```

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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