

Converting Colors

Hex(E45900)

Have a look what the booklet for
Hex(E45900) contains.

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Color

Hex(E45900)

Conversions

Conversions Part 1

Format	Color
Hex	E45900
RGB	228, 89, 0
RGB Percent	89%, 35%, 0%
CMY	0.1059, 0.6510, 1.0000
CMYK	0.00, 0.61, 1.00, 0.11
HSL	23°, 100%, 45%
HSV	23°, 100%, 89%
XYZ	35.5673, 23.6387, 2.6881
YIQ	120.4150, 111.4130, 1.7890

Conversions

Conversions Part 2

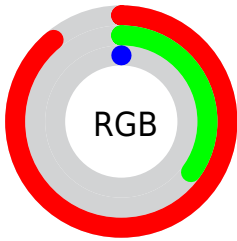
Format	Color
R_{YB}	228, 146, 0
Decimal	14964992
CIE Lab	55.72, 51.15, 65.43
CIE LCh	56, 83.049, 51.981
Yxy	23.6387, 0.5746, 0.3819
Android (android.graphics.Color)	4293155072 (0xFFE45900)
YUV	120.4150, -59.3646, 94.3520
Hunter-Lab	48.6197, 45.4956, 30.7557

Details

The Hex color **E45900** 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 **008BE4**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8F40**, and **A42000** is the 20% darker color. If you saturate the color by 10%, you get **E45900**, and if you desaturate by 10%, it is **E46717**.

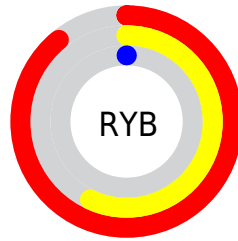
Distribution



Red (89%)

Green (35%)

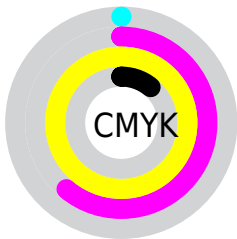
Blue (0%)



Red (89%)

Yellow (57%)

Blue (0%)

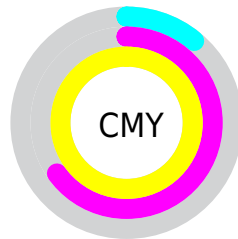


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45900 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 E45900 by changing the saturation by 10% instead.

 E45900

 E45900

FFFFFFF

 C43E00

 FF8F40

 A42000

 FFAB5A

 840000

 FFC775

 660000

 FFE490

 480000

 FFFFAB

 2D0001

 FFFFC8

 000000

 FFFFEE4

 E45900

 E46717

 E4752E

 E48344

 E4915B

 E49F72

 E4AC89

 E4BAA0

 E4C8B6

 E4D6CD

Harmonies

Analogous

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



FF2A55



E45900



B27C00

Triad

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



E45900



00A36F



457BFF

Complementary

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



E45900



008BE4

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.



0095FF



E45900



00A4BA

Square

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



E45900



009D1E



00A1F7



C753E0

Rectangle

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



E45900



888C00



00A1F7



0085FF

Sweetspot

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



E45900



FFD0B3



E4008D



806452



000000



808080

Same Dimension

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



E45900



FF6400



E4C900



736C67



B34600



331400

Inverse Universe

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



008BE4



009BFF



001BE4



676E73



006DB3



001F33

Previews

White Background



This preview shows how the Hex color E45900 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 E45900 Background



This preview shows how black text looks on a background with the Hex color E45900.



This preview shows how white text looks on a background with the Hex color E45900.

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
E45900

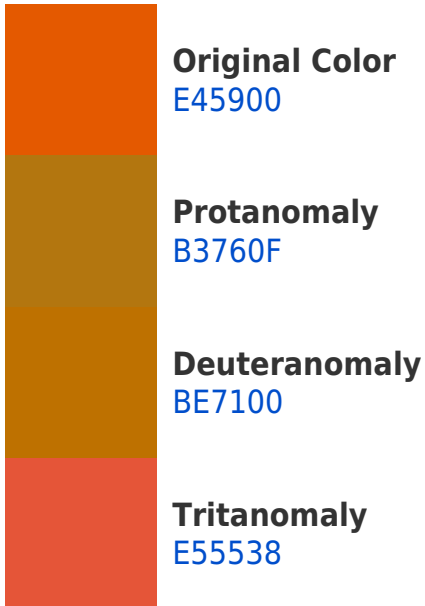
Protanopia
978617

Deuteranopia
A97F00



Tritanopia
E65358

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E45900 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 #E45900 looks like.

```
.text, #text, p{  
    color:#E45900  
}
```

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 #E45900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45900
}
```

Border

The CSS property to change the border of an element to Hex E45900 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
#E45900 }
```

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

```
.border{ border-color:#E45900 }
```

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

Here you see how a box with a 4 pixel #E45900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45900; -webkit-box-shadow:4px 4px  
4px 4px #E45900; box-shadow:4px 4px 4px  
4px #E45900 }
```

Background

The CSS property to change the background color of an element to Hex E45900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45900 }
```

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

```
.background{ background-color:#E45900 }
```

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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