

Converting Colors

Hex(E33900)

Have a look what the booklet for
Hex(E33900) contains.

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Color

Hex(E33900)

Conversions

Conversions Part 1

Format	Color
Hex	E33900
RGB	227, 57, 0
RGB Percent	89%, 22%, 0%
CMY	0.1098, 0.7765, 1.0000
CMYK	0.00, 0.75, 1.00, 0.11
HSL	15°, 100%, 45%
HSV	15°, 100%, 89%
XYZ	33.1417, 19.2571, 1.9702
YIQ	101.3320, 119.6170, 18.3130

Conversions

Conversions Part 2

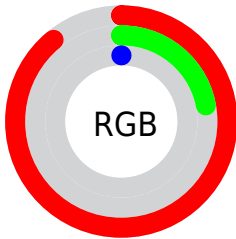
Format	Color
R_{YB}	227, 76, 0
Decimal	14891264
CIE _{Lab}	50.99, 63.19, 62.99
CIE _{LCh}	51, 89.220, 44.909
Yxy	19.2571, 0.6096, 0.3542
Android (android.graphics.Color)	4293081344 (0xFFE33900)
YUV	101.3320, -49.9567, 110.2108
Hunter-Lab	43.8830, 58.0131, 28.0561

Details

The Hex color **E33900** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00AAE3**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF743B**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E33900**, and if you desaturate by 10%, it is **E34A17**.

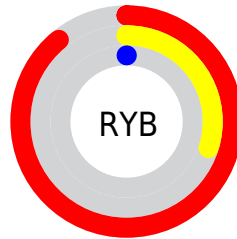
Distribution



Red (89%)

Green (22%)

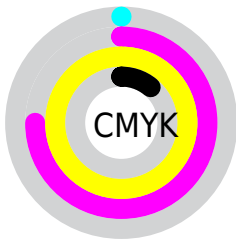
Blue (0%)



Red (89%)

Yellow (30%)

Blue (0%)

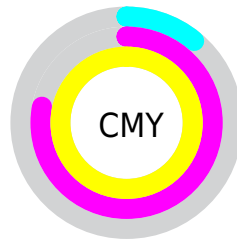


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33900 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 E33900 by changing the saturation by 10% instead.

 E33900

 E33900

 FFFFFA

 C21100

 FF743B

 A20000

 FF9155

 820000

 FFAD6F

 620000

 FFCA89

 460003

 FFE8A5

 260001

 FFFFC0

 000000

 FFFFDD

 E33900

 E34A17

 E35B2D

 E36C44

 E37D5B

 E38E72

 E39F88

 E3B09F

 E3C1B6

 E3D2CC

Harmonies

Analogous

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



F90058



E33900



B36800

Triad

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



E33900



00964F



0077FF

Complementary

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



E33900



00AAE3

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.



008EFF



E33900



00989F

Square

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



E33900



009000



0097E5



A74CE7

Rectangle

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



E33900



897B00



0097E5



0080FF

Sweetspot

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



E33900



FFC6B3



E300AA



805D52



000000



808080

Same Dimension

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



E33900



FF4000



E3AA00



736A67



B32D00



330D00

Inverse Universe

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



00AAE3



00BFFF



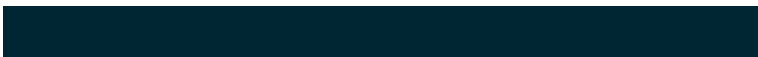
0039E3



677073



0086B3



002633

Previews

White Background



This preview shows how the Hex color E33900 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 E33900 Background



This preview shows how black text looks on a background with the Hex color E33900.



This preview shows how white text looks on a background with the Hex color E33900.

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
E33900

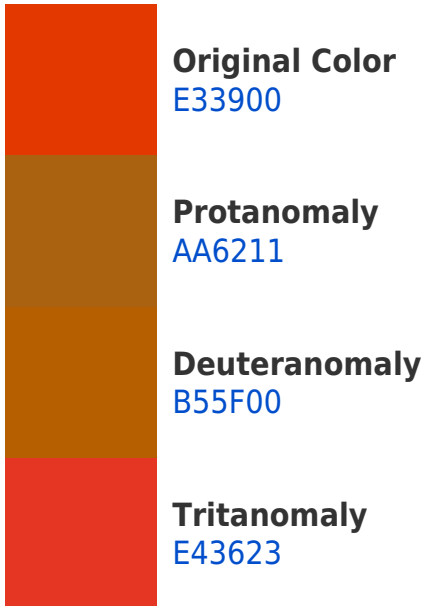
Protanopia
897A1A

Deuteranopia
9A7400



Tritanopia
E43537

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E33900 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 #E33900 looks like.

```
.text, #text, p{  
    color:#E33900  
}
```

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 #E33900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33900  
}
```

Border

The CSS property to change the border of an element to Hex E33900 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  
#E33900 }
```

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

```
.border{ border-color:#E33900 }
```

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

Here you see how a box with a 4 pixel #E33900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33900; -webkit-box-shadow:4px 4px  
4px 4px #E33900; box-shadow:4px 4px 4px  
4px #E33900 }
```

Background

The CSS property to change the background color of an element to Hex E33900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33900 }
```

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

```
.background{ background-color:#E33900 }
```

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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