

# Converting Colors

Hex(E14E00)

Have a look what the booklet for  
Hex(E14E00) contains.

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**Color**

**Hex(E14E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E14E00
RGB	225, 78, 0
RGB Percent	88%, 31%, 0%
CMY	0.1176, 0.6941, 1.0000
CMYK	0.00, 0.65, 1.00, 0.12
HSL	21°, 100%, 44%
HSV	21°, 100%, 88%
XYZ	33.7757, 21.4563, 2.3613
YIQ	113.0610, 112.6500, 6.9060

# Conversions

## Conversions Part 2

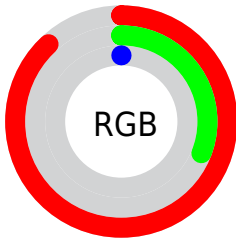
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 119, 0
Decimal	14765568
CIE <sub>Lab</sub>	53.45, 54.82, 63.96
CIE <sub>LCh</sub>	53, 84.239, 49.400
Yxy	21.4563, 0.5865, 0.3725
Android (android.graphics.Color)	4292955648 (0xFFE14E00)
YUV	113.0610, -55.7391, 98.1705
Hunter-Lab	46.3210, 49.0946, 29.4023

# Details

The Hex color **E14E00** 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 **0093E1**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF853E**, and **A10C00** is the 20% darker color. If you saturate the color by 10%, you get **E14E00**, and if you desaturate by 10%, it is **E15D16**.

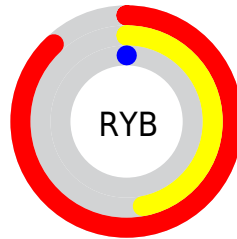
# Distribution



Red (88%)

Green (31%)

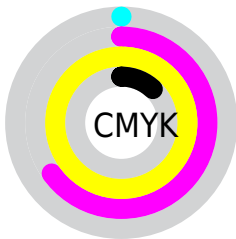
Blue (0%)



Red (88%)

Yellow (47%)

Blue (0%)

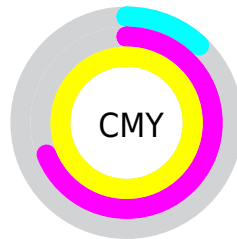


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E14E00 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 E14E00 by changing the saturation by 10% instead.



 E14E00

 E14E00

FFFFFFE

 C13100

 FF853E

 A10C00

 FFA158

 810000

 FFBD72

 620000

 FFDA8D

 450001

 FFF7A9

 280001

 FFFFC5

 000000

 FFFFE1

 E14E00

 E15D16

 E16B2D

 E17A44

 E1895A

 E19871

 E1A687

 E1B59D

 E1C4B4

 E1D2CB

# Harmonies

## Analogous

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



FA1355



E14E00



B07300

# Triad

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



E14E00



009C63



0078FF

# Complementary

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



E14E00



0093E1

# 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.



0090FF



E14E00



009EAE

# Square

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



E14E00



009704



009BEE



BA50E0

# Rectangle

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



E14E00



878400



009BEE



0082FF



# Sweetspot

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



E14E00



FFCDB3



E10096



806252



000000



808080



# Same Dimension

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



E14E00



FF5800



E1BC00



706965



B03D00



301100

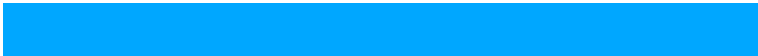


# Inverse Universe

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



0093E1



00A7FF



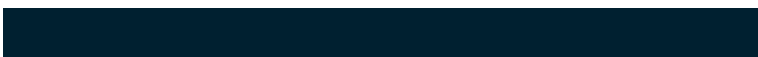
0026E1



656C70



0073B0



002030



# Previews

## White Background



This preview shows how the Hex color E14E00 looks on a white background.

## Color Contrast Check

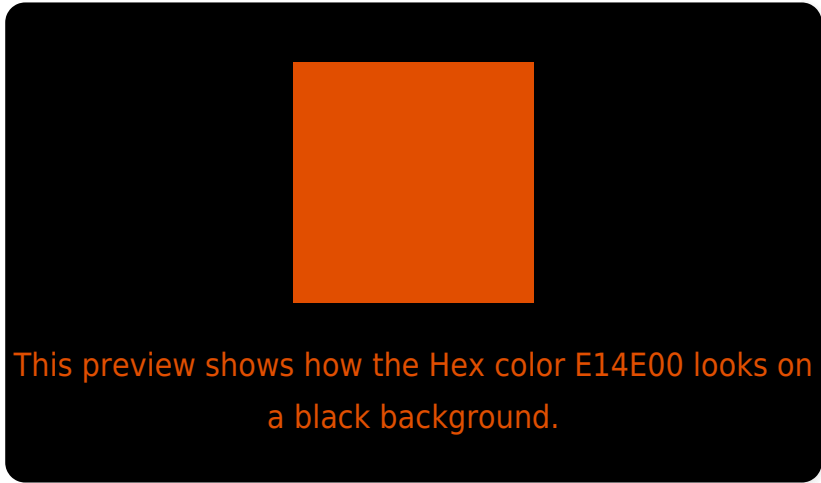
Large Text (above 18pt) WCAG AA ✓ Pass

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 E14E00 Background



This preview shows how black text looks on a background with the Hex color E14E00.



This preview shows how white text looks on a background with the Hex color E14E00.

# 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**  
E14E00

**Protanopia**  
908117

**Deuteranopia**  
A27A00



**Tritanopia**  
E2494C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E14E00 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 #E14E00 looks like.

```
.text, #text, p{  
    color:#E14E00  
}
```

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 #E14E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E14E00  
}
```

## Border

The CSS property to change the border of an element to Hex E14E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

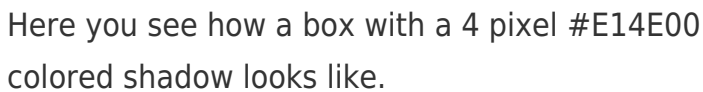
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E14E00 }
```

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

```
.border{ border-color:#E14E00 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #E14E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E14E00; -webkit-box-shadow:4px 4px  
4px 4px #E14E00; box-shadow:4px 4px 4px  
4px #E14E00 }
```

# Background

The CSS property to change the background color of an element to Hex E14E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E14E00 }
```

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

```
.background{ background-color:#E14E00 }
```

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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