

# Converting Colors

Hex(EA0E00)

Have a look what the booklet for  
Hex(EA0E00) contains.

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**Color**

**Hex(EA0E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA0E00
RGB	234, 14, 0
RGB Percent	92%, 5%, 0%
CMY	0.0824, 0.9451, 1.0000
CMYK	0.00, 0.94, 1.00, 0.08
HSL	4°, 100%, 46%
HSV	4°, 100%, 92%
XYZ	34.0887, 17.8065, 1.6403
YIQ	78.1840, 135.6140, 42.2860

# Conversions

## Conversions Part 2

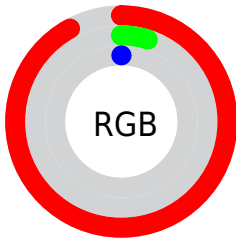
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 15, 0
Decimal	15339008
CIE Lab	49.26, 73.95, 63.12
CIE LCh	49, 97.226, 40.484
Yxy	17.8065, 0.6367, 0.3326
Android (android.graphics.Color)	4293529088 (0xFFEA0E00)
YUV	78.1840, -38.5447, 136.6506
Hunter-Lab	42.1978, 70.3521, 27.2337

# Details

The Hex color **EA0E00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00DCEA**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5F39**, and **A70000** is the 20% darker color. If you saturate the color by 10%, you get **EA0E00**, and if you desaturate by 10%, it is **EA2417**.

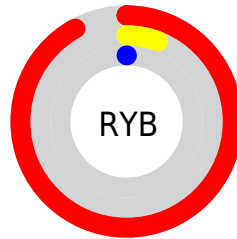
# Distribution



Red (92%)

Green (5%)

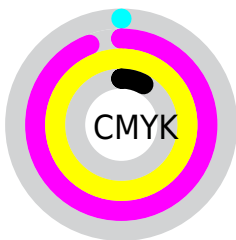
Blue (0%)



Red (92%)

Yellow (6%)

Blue (0%)

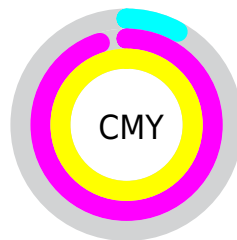


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA0E00 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 EA0E00 by changing the saturation by 10% instead.



 EA0E00

 EA0E00

 FFFFF5

 C90000

 FF5F39

 A70000

 FF7D52

 870000

 FF9B6B

 670002

 FFB986

 490004

 FFD7A1

 290001

 FFF5BC

 000000

 FFFF99

 EA0E00

 EA2417

 EA3A2F

 EA5046

 EA665E

 EA7C75

 EA928C

 EAA8A4

 EABEBB

 EAD4D3

# Harmonies

## Analogous

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



FE005D



EA0E00



B95C00

# Triad

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



EA0E00



009239



0078FF

# Complementary

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



EA0E00



00DCEA

# 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



EA0E00



009591

# Square

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



EA0E00



008B00



0095E0



934BF5

# Rectangle

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



EA0E00



8E7300



0095E0



0081FF



# Sweetspot

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



EA0E00



FFB7B3



EA00DE



805452



000000



808080



# Same Dimension

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



EA0E00



FF0F00



EA8100



756A6A



B50B00

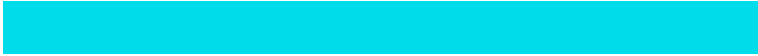


360300



# Inverse Universe

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



00DCEA



00FOFF



0069EA



6A7575



00AAB5



003236



# Previews

## White Background



This preview shows how the Hex color EA0E00 looks on a white background.

## Color Contrast Check

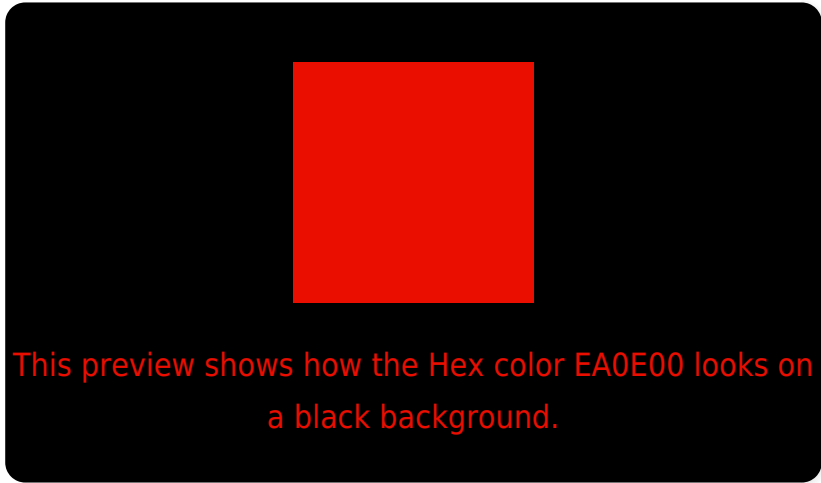
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 EA0E00 Background



This preview shows how black text looks on a background with the Hex color EA0E00.



This preview shows how white text looks on a background with the Hex color EA0E00.

# 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**  
EA0E00

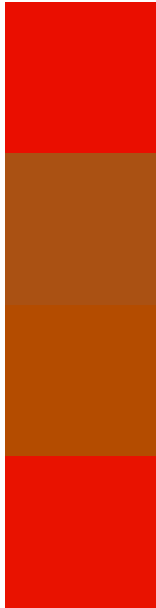
**Protanopia**  
85771E

**Deuteranopia**  
957000



**Tritanopia**  
E91500

# Trichromacy



**Original Color**  
EA0E00

**Protanomaly**  
AA5113

**Deuteranomaly**  
B44C00

**Tritanomaly**  
E91200

# Monochromacy



**Original Color**  
EA0E00

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
873732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA0E00 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 #EA0E00 looks like.

```
.text, #text, p{  
    color:#EA0E00  
}
```

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 #EA0E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0E00
}
```

## Border

The CSS property to change the border of an element to Hex EA0E00 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".

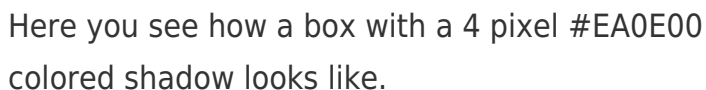
```
.border, #border, table{ border:4px solid
#EA0E00 }
```

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

```
.border{ border-color:#EA0E00 }
```

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

Here you see how a box with a 4 pixel #EA0E00 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0E00; -webkit-box-shadow:4px 4px  
4px 4px #EA0E00; box-shadow:4px 4px 4px  
4px #EA0E00 }
```

# Background

The CSS property to change the background color of an element to Hex EA0E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0E00 }
```

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

```
.background{ background-color:#EA0E00 }
```

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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