

# Converting Colors

Hex(E34D00)

Have a look what the booklet for  
Hex(E34D00) contains.

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**Color**

**Hex(E34D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E34D00
RGB	227, 77, 0
RGB Percent	89%, 30%, 0%
CMY	0.1098, 0.6980, 1.0000
CMYK	0.00, 0.66, 1.00, 0.11
HSL	20°, 100%, 45%
HSV	20°, 100%, 89%
XYZ	34.3324, 21.6386, 2.3672
YIQ	113.0720, 114.1170, 7.8530

# Conversions

## Conversions Part 2

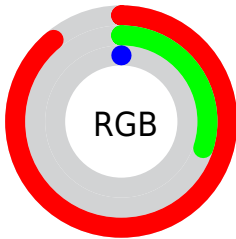
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 117, 0</a>
Decimal	<a href="#">14896384</a>
CIELab	<a href="#">53.64, 55.91, 64.25</a>
CIElCh	<a href="#">54, 85.172, 48.971</a>
Yxy	<a href="#">21.6386, 0.5885, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4293086464 (0xFFE34D00)</a>
YUV	<a href="#">113.0720, -55.7445, 99.9149</a>
Hunter-Lab	<a href="#">46.5174, 50.3377, 29.5450</a>

# Details

The Hex color **E34D00** 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 **0096E3**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF843E**, and **A30700** is the 20% darker color. If you saturate the color by 10%, you get **E34D00**, and if you desaturate by 10%, it is **E35C17**.

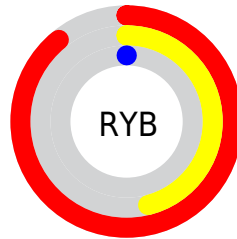
# Distribution



Red (89%)

Green (30%)

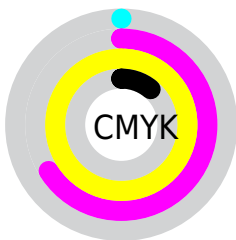
Blue (0%)



Red (89%)

Yellow (46%)

Blue (0%)

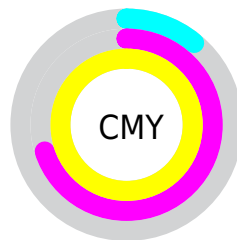


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34D00 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 E34D00 by changing the saturation by 10% instead.



 E34D00

 E34D00

FFFFFFE

 C33000

 FF843E

 A30700

 FFA058

 830000

 FFBD72

 640000

 FFDA8D

 470001

 FFF7A9

 290001

 FFFFC5

 000000

 FFFFE1

 E34D00

 E35C17

 E36B2D

 E37A44

 E3895B

 E39872

 E3A788

 E3B69F

 E3C5B6

 E3D4CC

# Harmonies

## Analogous

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



FC0C56



E34D00



B27300

# Triad

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



E34D00



009D62



0079FF

# Complementary

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



E34D00



0096E3

# 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.



0091FF



E34D00



009FAE

# Square

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



E34D00



009700



009CEF



BA50E2

# Rectangle

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



E34D00



888400



009CEF



0083FF



# Sweetspot

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



E34D00



FFCCB3



E30097



806152



000000



808080



# Same Dimension

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



E34D00



FF5600



E3BD00



736B67



B33D00



331100



# Inverse Universe

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



0096E3



00A9FF



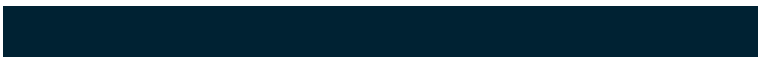
0026E3



676F73



0076B3



002233



# Previews

## White Background



This preview shows how the Hex color E34D00 looks on a white background.

## Color Contrast Check

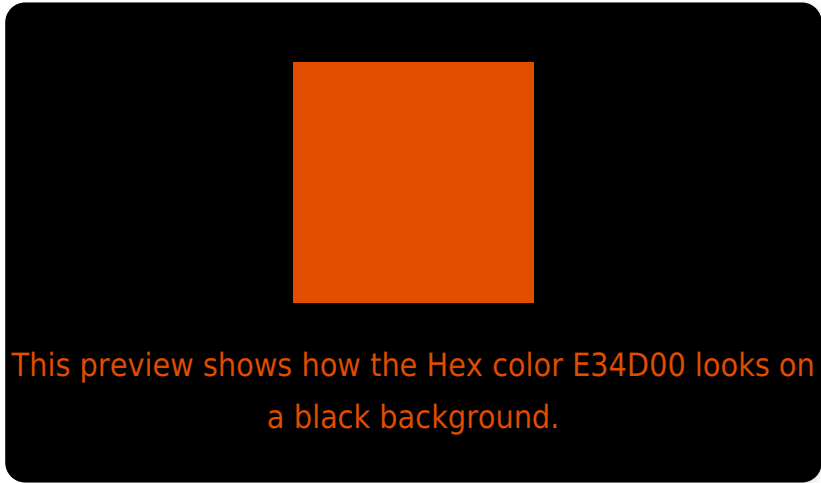
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34D00 Background



This preview shows how black text looks on a background with the Hex color E34D00.



This preview shows how white text looks on a background with the Hex color E34D00.

# 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**  
E34D00

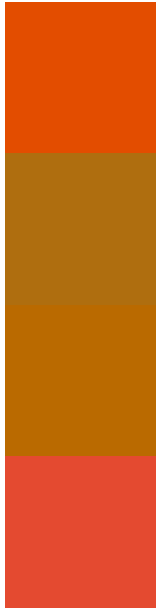
**Protanopia**  
918118

**Deuteranopia**  
A27A00



**Tritanopia**  
E4484B

# Trichromacy



**Original Color**  
E34D00

**Protanomaly**  
AF6E0F

**Deuteranomaly**  
BA6A00

**Tritanomaly**  
E44A30

# Monochromacy



**Original Color**  
E34D00

**Achromatopsia**  
717171

**Achromatomaly**  
9A6448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34D00 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 #E34D00 looks like.

```
.text, #text, p{  
    color:#E34D00  
}
```

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 #E34D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34D00
}
```

## Border

The CSS property to change the border of an element to Hex E34D00 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
#E34D00 }
```

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

```
.border{ border-color:#E34D00 }
```

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

Here you see how a box with a 4 pixel #E34D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34D00; -webkit-box-shadow:4px 4px  
4px 4px #E34D00; box-shadow:4px 4px 4px  
4px #E34D00 }
```

# Background

The CSS property to change the background color of an element to Hex E34D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34D00 }
```

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

```
.background{ background-color:#E34D00 }
```

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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