

# Converting Colors

Hex(E34D0D)

Have a look what the booklet for  
Hex(E34D0D) contains.

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**Color**

**Hex(E34D0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E34D0D
RGB	227, 77, 13
RGB Percent	89%, 30%, 5%
CMY	0.1098, 0.6980, 0.9490
CMYK	0.00, 0.66, 0.94, 0.11
HSL	18°, 89%, 47%
HSV	18°, 94%, 89%
XYZ	34.4051, 21.6677, 2.7497
YIQ	114.5540, 109.9440, 11.8960

# Conversions

## Conversions Part 2

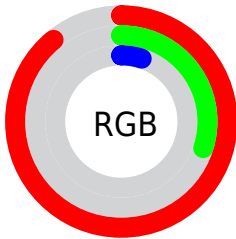
Format	Color
R <sub>Y</sub> B	227, 104, 13
Decimal	14896397
CIE Lab	53.67, 56.03, 61.45
CIE LCh	54, 83.156, 47.642
Yxy	21.6677, 0.5849, 0.3684
Android (android.graphics.Color)	4293086477 (0xFFE34D0D)
YUV	114.5540, -50.0661, 98.6151
Hunter-Lab	46.5486, 50.4732, 29.0816

# Details

The Hex color **E34D0D** 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 **0DA3E3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8445**, and **A30700** is the 20% darker color. If you saturate the color by 10%, you get **E34400**, and if you desaturate by 10%, it is **E35D24**.

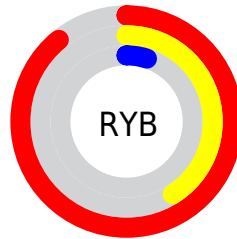
# Distribution



Red (89%)

Green (30%)

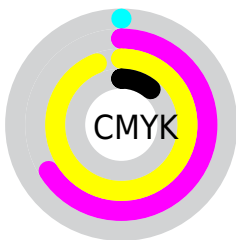
Blue (5%)



Red (89%)

Yellow (41%)

Blue (5%)

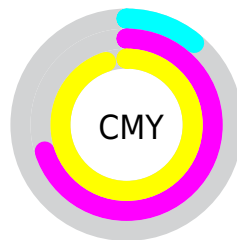


Cyan (0%)

Magenta (66%)

Yellow (94%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34D0D 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 E34D0D by changing the saturation by 10% instead.



 E34D0D

 E34D0D

FFFFFF

 C33000

 FF8445

 A30700

 FFA05E

 830000

 FFBD78

 640000

 FFDA93

 470001

 FFF7AF

 2A0001

 FFFFCB

 000000

 FFFFE7

 E34D0D

 E34D0D

 E34400

 E35D24

 E36D3A

 E37D51

 E38D68

 E39D7E

 E3AC95

 E3BCAC

 E3CCC3

 E3DCD9

# Harmonies

## Analogous

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



FA175A



E34D0D



B47200

# Triad

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



E34D0D



009D5F



007BFF

# Complementary

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



E34D0D



0DA3E3

# 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.



0092FF



E34D0D



009EAA

# Square

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



E34D0D



009700



009CEA



B554E2

# Rectangle

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



E34D0D



8B8300



009CEA



0084FF



# Sweetspot

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



E34D0D



FFCDB8



E30DA6



806154



000000



808080



# Same Dimension

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



E34D0D



FF4C00



E3B50D



736B67



B33500



330F00



# Inverse Universe

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



0DA3E3



00B3FF



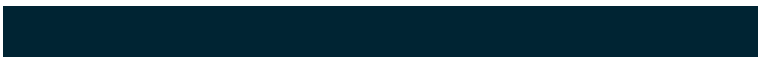
0D3BE3



676F73



007DB3



002433



# Previews

## White Background



This preview shows how the Hex color E34D0D looks on a white background.

## Color Contrast Check

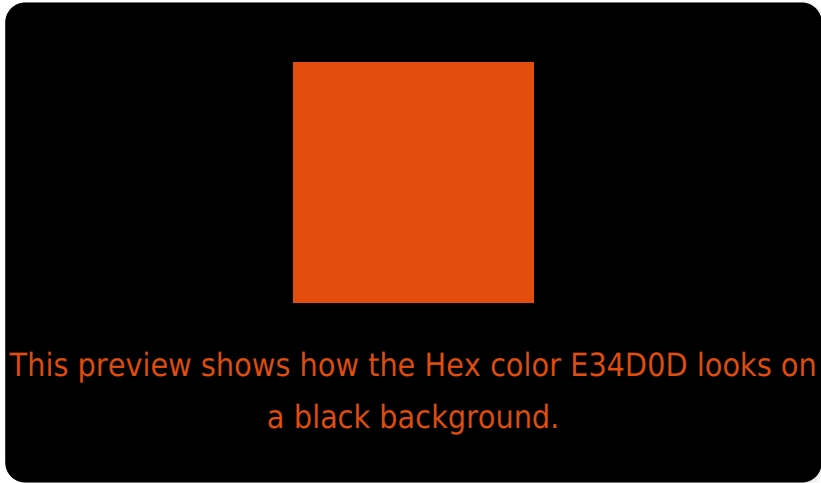
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34D0D Background



This preview shows how black text looks on a background with the Hex color E34D0D.



This preview shows how white text looks on a background with the Hex color E34D0D.

# 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**  
E34D0D

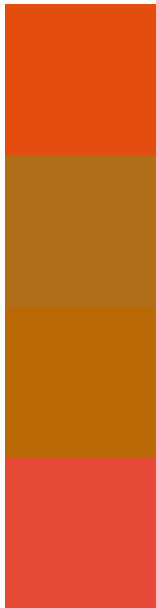
**Protanopia**  
91811C

**Deuteranopia**  
A37A00



**Tritanopia**  
E4484C

# Trichromacy



**Original Color**  
E34D0D

**Protanomaly**  
AF6E17

**Deuteranomaly**  
BA6A05

**Tritanomaly**  
E44A35

# Monochromacy



**Original Color**  
E34D0D

**Achromatopsia**  
737373

**Achromatomaly**  
9C654E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34D0D 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 #E34D0D looks like.

```
.text, #text, p{  
    color:#E34D0D  
}
```

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 #E34D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34D0D
}
```

## Border

The CSS property to change the border of an element to Hex E34D0D 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
#E34D0D }
```

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

```
.border{ border-color:#E34D0D }
```

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

Here you see how a box with a 4 pixel #E34D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34D0D; -webkit-box-shadow:4px 4px  
4px 4px #E34D0D; box-shadow:4px 4px 4px  
4px #E34D0D }
```

# Background

The CSS property to change the background color of an element to Hex E34D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34D0D }
```

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

```
.background{ background-color:#E34D0D }
```

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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