

# Converting Colors

Hex(E34327)

Have a look what the booklet for  
Hex(E34327) contains.

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**Color**

**Hex(E34327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E34327
RGB	227, 67, 39
RGB Percent	89%, 26%, 15%
CMY	0.1098, 0.7373, 0.8471
CMYK	0.00, 0.70, 0.83, 0.11
HSL	9°, 77%, 52%
HSV	9°, 83%, 89%
XYZ	34.0519, 20.4917, 4.0800
YIQ	111.6480, 104.3480, 25.2120

# Conversions

## Conversions Part 2

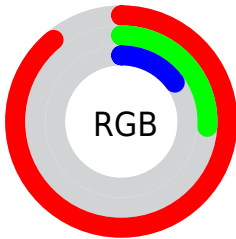
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 72, 39
Decimal	14893863
CIE Lab	52.39, 60.34, 50.99
CIE LCh	52, 78.995, 40.197
Yxy	20.4917, 0.5809, 0.3495
Android (android.graphics.Color)	4293083943 (0xFFE34327)
YUV	111.6480, -35.8155, 101.1637
Hunter-Lab	45.2677, 55.0551, 26.3436

# Details

The Hex color **E34327** 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 **27C7E3**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7C57**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E33010**, and if you desaturate by 10%, it is **E3563E**.

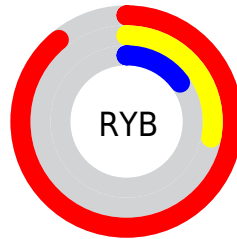
# Distribution



Red (89%)

Green (26%)

Blue (15%)



Red (89%)

Yellow (28%)

Blue (15%)

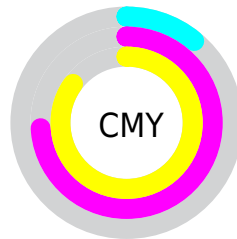


Cyan (0%)

Magenta (70%)

Yellow (83%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34327 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 E34327 by changing the saturation by 10% instead.



 E34327

 E34327

FFFFFF

 C3220E

 FF7C57

 A30000

 FF9971

 830000

 FFB58B

 640000


 FFD2A5

 470002

 FFF0C1

 290001

 FFFFDD

 000000

 FFFFFA

 E34327

 E34327

 E33010

 E3563E

 E32200

 E36A54

 E37D6B

 E39082

 E3A499

 E3B7AF

 E3CAC6

 E3DEDD

 E3F1F3

# Harmonies

## Analogous

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



F11969



E34327



BB6900

# Triad

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



E34327



00974C



007EFF

# Complementary

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



E34327



27C7E3

# 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.



0091FE



E34327



009A93

# Square

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



E34327



309000



0099D4



995EE6

# Rectangle

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



E34327



977B00



0099D4



0086FF



# Sweetspot

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



E34327



FFC9BF



E327CA



805F59



000000



808080



# Same Dimension

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



E34327



FF2803



E39E27



736967



B31B00



330800

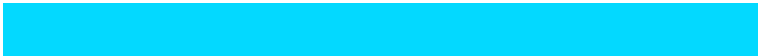


# Inverse Universe

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



27C7E3



03D9FF



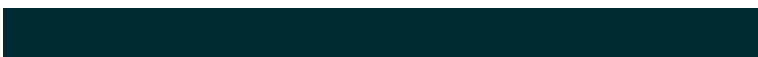
276CE3



677173



0098B3

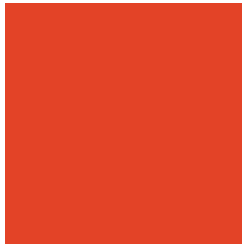


002B33



# Previews

## White Background



This preview shows how the Hex color E34327 looks on a white background.

## Color Contrast Check

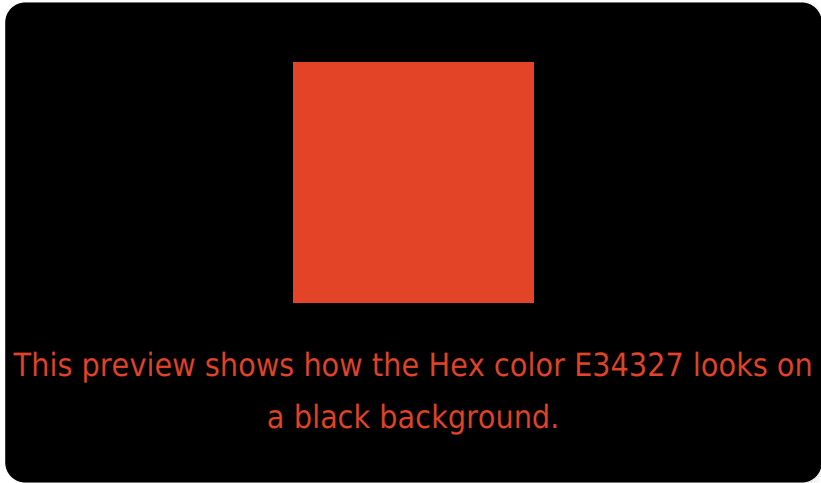
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34327 Background



This preview shows how black text looks on a background with the Hex color E34327.



This preview shows how white text looks on a background with the Hex color E34327.

# 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**  
E34327

**Protanopia**  
8C7E36

**Deuteranopia**  
9E7715



**Tritanopia**  
E44042

# Trichromacy



**Original Color**  
E34327

**Protanomaly**  
AC6931

**Deuteranomaly**  
B7641C

**Tritanomaly**  
E44138

# Monochromacy



**Original Color**  
E34327

**Achromatopsia**  
707070

**Achromatomaly**  
9A6055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34327 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 #E34327 looks like.

```
.text, #text, p{  
    color:#E34327  
}
```

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 #E34327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34327
}
```

## Border

The CSS property to change the border of an element to Hex E34327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

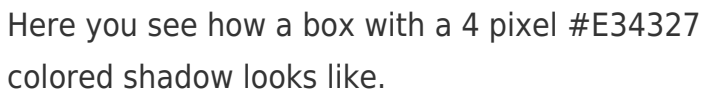
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E34327 }
```

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

```
.border{ border-color:#E34327 }
```

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



Here you see how a box with a 4 pixel `#E34327` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34327; -webkit-box-shadow:4px 4px  
4px 4px #E34327; box-shadow:4px 4px 4px  
4px #E34327 }
```

# Background

The CSS property to change the background color of an element to Hex E34327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34327 }
```

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

```
.background{ background-color:#E34327 }
```

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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