

# Converting Colors

Hex(E89334)

Have a look what the booklet for  
Hex(E89334) contains.

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**Color**

**Hex(E89334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E89334
RGB	232, 147, 52
RGB Percent	91%, 58%, 20%
CMY	0.0902, 0.4235, 0.7961
CMYK	0.00, 0.37, 0.78, 0.09
HSL	32°, 80%, 56%
HSV	32°, 78%, 91%
XYZ	44.3323, 38.2712, 8.2993
YIQ	161.5850, 81.1550, -11.5250

# Conversions

## Conversions Part 2

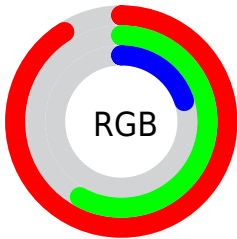
Format	Color
R <sub>Y</sub> B	213, 232, 52
Decimal	15242036
CIE Lab	68.22, 24.74, 60.41
CIE LCh	68, 65.279, 67.726
Yxy	38.2712, 0.4877, 0.4210
Android (android.graphics.Color)	4293432116 (0xFFE89334)
YUV	161.5850, -54.0254, 61.7540
Hunter-Lab	61.8637, 19.6537, 35.3505

# Details

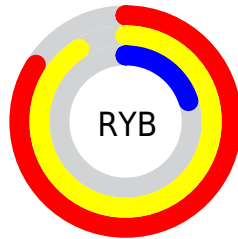
The Hex color **E89334** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3489E8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC969**, and **AB6000** is the 20% darker color. If you saturate the color by 10%, you get **E8881D**, and if you desaturate by 10%, it is **E89E4B**.

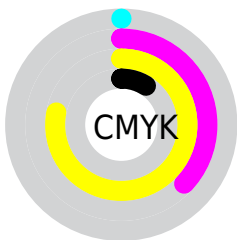
# Distribution



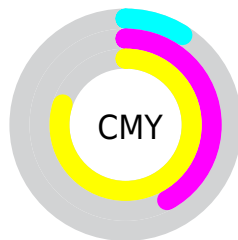
- Red (91%)
- Green (58%)
- Blue (20%)



- Red (84%)
- Yellow (91%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (78%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E89334 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 E89334 by changing the saturation by 10% instead.



 E89334

 E89334

FFFFFF

 C97916

 FFC969

 AB6000

 FFE584

 8D4800

 FFFF9F

 703100

 FFFFBB

 531A00

 FFFFD7

 380400

 FFFFF4

 1F0001

 000000

 E89334

 E89334

 E8881D

 E89E4B

 E87D06

 E8A962

 E87A00

 E8B47A

 E8BF91

 E8CAA8

 E8D5BF

 E8E0D6

 E8EBEE

 E8F6FF

# Harmonies

## Analogous

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



FF7B61



E89334



B7A822

# Triad

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



E89334



00C3B4



BD90FF

# Complementary

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



E89334



3489E8

# 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.



40A8FF



E89334



00C1ED

# Square

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



E89334



00BF77



00B8FF



F978D4

# Rectangle

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



E89334



8FB333



00B8FF



9E99FF



# Sweetspot

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



E89334



FFE3C4



E8348B



806F5C



000000



808080



# Same Dimension

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



E89334



FF8F12



E5E834



736D67



B35E00



331B00



# Inverse Universe

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



3489E8



1282FF



3734E8



676D73



0054B3



001833



# Previews

## White Background



This preview shows how the Hex color E89334 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E89334 Background



This preview shows how black text looks on a background with the Hex color E89334.



This preview shows how white text looks on a background with the Hex color E89334.

# 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**  
E89334

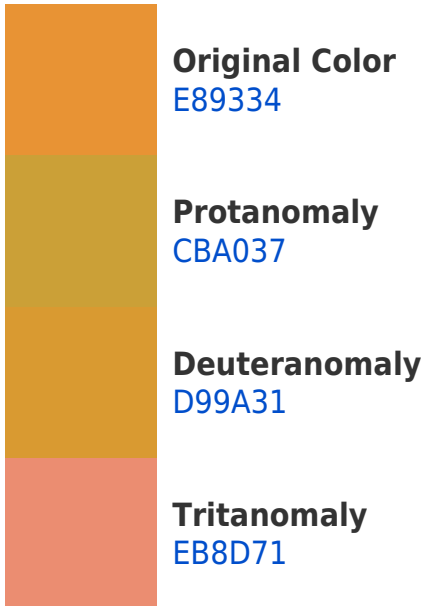
**Protanopia**  
BAA739

**Deuteranopia**  
D19E30



**Tritanopia**  
ED8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E89334 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 #E89334 looks like.

```
.text, #text, p{  
    color:#E89334  
}
```

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 #E89334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89334
}
```

## Border

The CSS property to change the border of an element to Hex E89334 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
#E89334 }
```

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

```
.border{ border-color:#E89334 }
```

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

Here you see how a box with a 4 pixel #E89334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89334; -webkit-box-shadow:4px 4px  
4px 4px #E89334; box-shadow:4px 4px 4px  
4px #E89334 }
```

# Background

The CSS property to change the background color of an element to Hex E89334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89334 }
```

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

```
.background{ background-color:#E89334 }
```

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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