

# Converting Colors

Hex(EE3317)

Have a look what the booklet for  
Hex(EE3317) contains.

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**Color**

**Hex(EE3317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE3317
RGB	238, 51, 23
RGB Percent	93%, 20%, 9%
CMY	0.0667, 0.8000, 0.9098
CMYK	0.00, 0.79, 0.90, 0.07
HSL	8°, 86%, 51%
HSV	8°, 90%, 93%
XYZ	36.5984, 20.6067, 2.8591
YIQ	103.7210, 120.4400, 30.9360

# Conversions

## Conversions Part 2

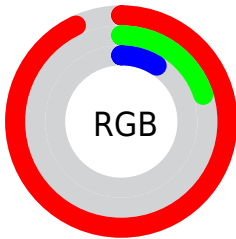
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 55, 23
Decimal	15610647
CIE Lab	52.52, 68.43, 58.69
CIE LCh	53, 90.146, 40.617
Yxy	20.6067, 0.6093, 0.3431
Android (android.graphics.Color)	4293800727 (0xFFEE3317)
YUV	103.7210, -39.7955, 117.7627
Hunter-Lab	45.3946, 64.4713, 28.0418

# Details

The Hex color **EE3317** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **17D2EE**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7249**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **EE1F00**, and if you desaturate by 10%, it is **EE482F**.

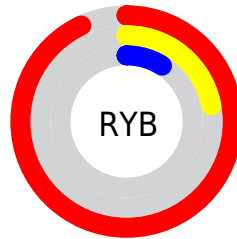
# Distribution



Red (93%)

Green (20%)

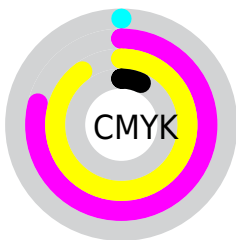
Blue (9%)



Red (93%)

Yellow (22%)

Blue (9%)

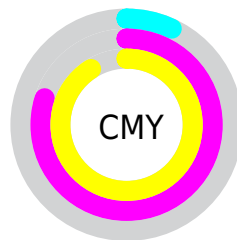


Cyan (0%)

Magenta (79%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE3317 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 EE3317 by changing the saturation by 10% instead.



 EE3317

 EE3317

FFFFFF

 CD0000

 FF7249

 AC0000

 FF8F63

 8C0000

 FFAC7C

 6C0000

 FFC997

 4E0003

 FFE7B2

 2F0002

 FFFFCE

 000000

 FFFFEB

 EE3317

 EE3317

■ EE1F00

■ EE482F

■ EE5C47

■ EE715E

■ EE8676

■ EE9B8E

■ EEAF A6

■ EEC4BE

■ EED9D5

■ EE EDED

# Harmonies

## Analogous

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



FF0066



EE3317



C06600

# Triad

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



EE3317



009A46



007FFF

# Complementary

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



EE3317



17D2EE

# 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.



0094FF



EE3317



009D98

# Square

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



EE3317



059300



009CE2



9D57F5

# Rectangle

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



EE3317



977B00



009CE2



0088FF



# Sweetspot

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



EE3317



FFC3BA



EE17D5



805C57



000000



808080



# Same Dimension

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



EE3317



FF2100



EE9C17



786D6C



B81800



380700



# Inverse Universe

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



17D2EE



00DEFF



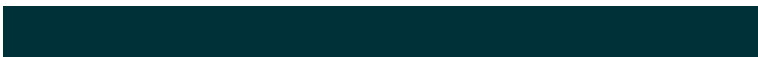
1769EE



6C7678



00A0B8



003138



# Previews

## White Background



This preview shows how the Hex color EE3317 looks on a white background.

## Color Contrast Check

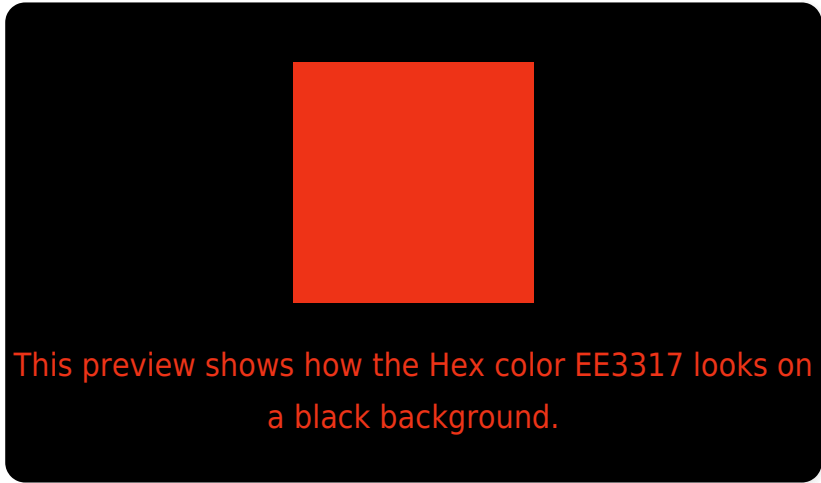
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE3317 Background



This preview shows how black text looks on a background with the Hex color EE3317.



This preview shows how white text looks on a background with the Hex color EE3317.

# 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



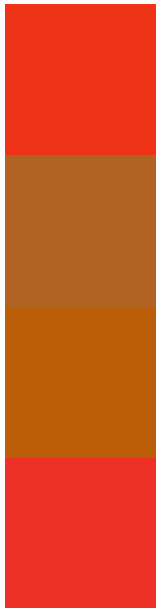
**Original Color**  
EE3317

**Protanopia**  
8D7E29

**Deuteranopia**  
9F7700



# Trichromacy



**Original Color**  
EE3317

**Protanomaly**  
B06322

**Deuteranomaly**  
BC5E08

**Tritanomaly**  
EE3127

# Monochromacy



**Original Color**  
EE3317

**Achromatopsia**  
686868

**Achromatomaly**  
99554B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE3317 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 #EE3317 looks like.

```
.text, #text, p{  
    color:#EE3317  
}
```

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 #EE3317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE3317
}
```

## Border

The CSS property to change the border of an element to Hex EE3317 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
#EE3317 }
```

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

```
.border{ border-color:#EE3317 }
```

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

Here you see how a box with a 4 pixel #EE3317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE3317; -webkit-box-shadow:4px 4px  
4px 4px #EE3317; box-shadow:4px 4px 4px  
4px #EE3317 }
```

# Background

The CSS property to change the background color of an element to Hex EE3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE3317 }
```

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

```
.background{ background-color:#EE3317 }
```

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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