

# Converting Colors

Hex(EE5433)

Have a look what the booklet for  
Hex(EE5433) contains.

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**Color**

**Hex(E E5433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE5433
RGB	238, 84, 51
RGB Percent	93%, 33%, 20%
CMY	0.0667, 0.6706, 0.8000
CMYK	0.00, 0.65, 0.79, 0.07
HSL	11°, 85%, 57%
HSV	11°, 79%, 93%
XYZ	39.0278, 24.7568, 5.8535
YIQ	126.2840, 102.3770, 22.3850

# Conversions

## Conversions Part 2

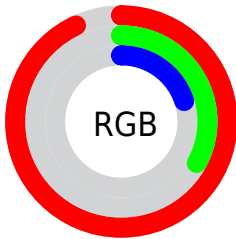
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 91, 51
Decimal	15619123
CIE <sub>Lab</sub>	56.84, 57.68, 50.10
CIE <sub>LCh</sub>	57, 76.398, 40.978
Yxy	24.7568, 0.5604, 0.3555
Android (android.graphics.Color)	4293809203 (0xFFEE5433)
YUV	126.2840, -37.1150, 97.9749
Hunter-Lab	49.7562, 52.9384, 27.8542

# Details

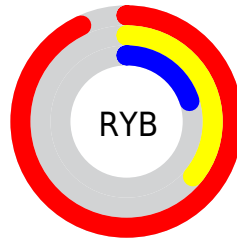
The Hex color **EE5433** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33CDEE**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8C64**, and **AE1302** is the 20% darker color. If you saturate the color by 10%, you get **EE401B**, and if you desaturate by 10%, it is **EE684B**.

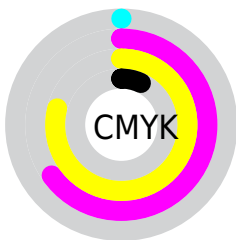
# Distribution



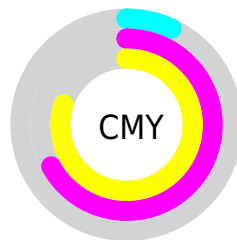
- Red (93%)
- Green (33%)
- Blue (20%)



- Red (93%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (67%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE5433 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 EE5433 by changing the saturation by 10% instead.



 EE5433

 EE5433

FFFFFF

 CE371B

 FF8C64

 AE1302

 FFA87E

 8F0000

 FFC598

 6F0000

 FFE2B3

 510000

 FFFFCF

 350002

 FFFFEB

 020000

 000000

 EE5433

 EE5433

 EE401B

 EE684B

 EE2D03

 EE7B63

 EE2A00

 EE8F7A

 EEA292

 EEB6AA

 EECAC2

 EEDDDA

 EEF1F1

 EFFFFFF

# Harmonies

## Analogous

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



FC3773



EE5433



C67500

# Triad

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



EE5433



00A35A



0089FF

# Complementary

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



EE5433



33CDEE

# 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.



009CFF



EE5433



00A6A0

# Square

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



EE5433



409C08



00A4DF



A86AEE

# Rectangle

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



EE5433



A38600



00A4DF



0090FF



# Sweetspot

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



EE5433



FFCDC2



EE33CF



80615B



000000



808080



# Same Dimension

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



EE5433



FF3A0F



EEB033



786E6C



B82000



380A00

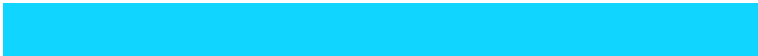


# Inverse Universe

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



33CDEE



0FD5FF



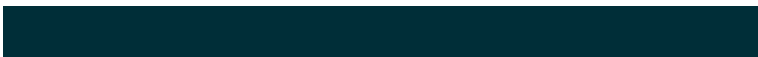
3371EE



6C7678



0097B8



002E38



# Previews

## White Background



This preview shows how the Hex color EE5433 looks on a white background.

## Color Contrast Check

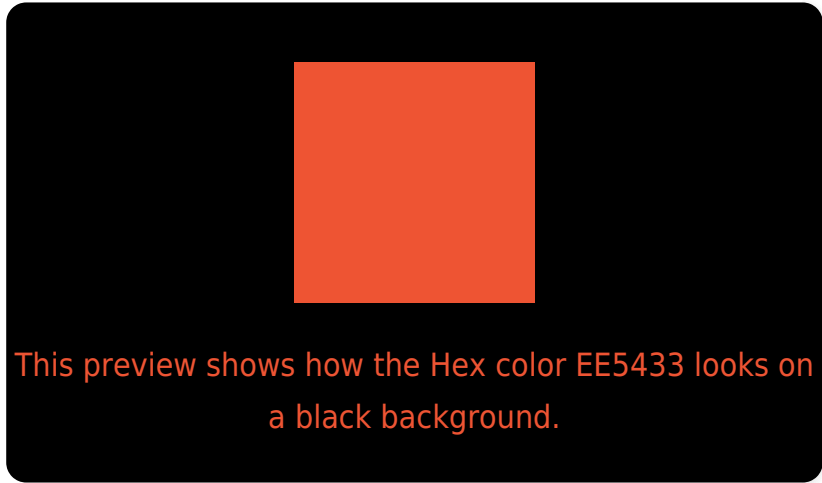
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5433 Background



This preview shows how black text looks on a background with the Hex color EE5433.



This preview shows how white text looks on a background with the Hex color EE5433.

# 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**  
EE5433

**Protanopia**  
978942

**Deuteranopia**  
AC8227



# Trichromacy



**Original Color**  
EE5433

**Protanomaly**  
B7763D

**Deuteranomaly**  
C4712B

**Tritanomaly**  
EF5148

# Monochromacy



**Original Color**  
EE5433

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
A76F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE5433 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 #EE5433 looks like.

```
.text, #text, p{  
  color:#EE5433  
}
```

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 #EE5433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5433
}
```

## Border

The CSS property to change the border of an element to Hex EE5433 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
#EE5433 }
```

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

```
.border{ border-color:#EE5433 }
```

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

Here you see how a box with a 4 pixel #EE5433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5433; -webkit-box-shadow:4px 4px  
4px 4px #EE5433; box-shadow:4px 4px 4px  
4px #EE5433 }
```

# Background

The CSS property to change the background color of an element to Hex EE5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5433 }
```

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

```
.background{ background-color:#EE5433 }
```

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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