

# Converting Colors

Hex(EE5442)

Have a look what the booklet for  
Hex(EE5442) contains.

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# Color

Hex(**EE5442**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE5442
RGB	238, 84, 66
RGB Percent	93%, 33%, 26%
CMY	0.0667, 0.6706, 0.7412
CMYK	0.00, 0.65, 0.72, 0.07
HSL	6°, 83%, 60%
HSV	6°, 72%, 93%
XYZ	39.4136, 24.9111, 7.8853
YIQ	127.9940, 97.5620, 27.0500

# Conversions

## Conversions Part 2

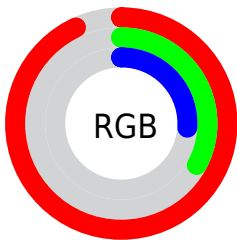
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 86, 66
Decimal	15619138
CIE <sub>Lab</sub>	56.99, 58.25, 42.48
CIE <sub>LCh</sub>	57, 72.091, 36.102
Yxy	24.9111, 0.5458, 0.3450
Android (android.graphics.Color)	4293809218 (0xFFEE5442)
YUV	127.9940, -30.5630, 96.4753
Hunter-Lab	49.9111, 53.6129, 25.5707

# Details

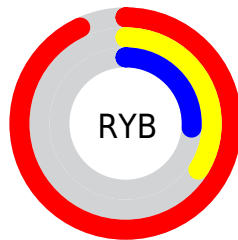
The Hex color **EE5442** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42DCEE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8C73**, and **AE1215** is the 20% darker color. If you saturate the color by 10%, you get **EE3F2A**, and if you desaturate by 10%, it is **EE695A**.

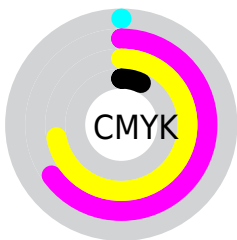
# Distribution



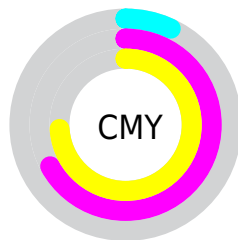
- Red (93%)
- Green (33%)
- Blue (26%)



- Red (93%)
- Yellow (34%)
- Blue (26%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)
- Black (7%)



- Cyan (7%)
- Magenta (67%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE5442 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 EE5442 by changing the saturation by 10% instead.



 EE5442

 EE5442

FFFFFF

 CE372B

 FF8C73

 AE1215

 FFA88D

 8F0000

 FFC5A7

 700000

 FFE2C3

 520000

 FFFFDF

 360002

 FFFFFC

 060000

 000000

 EE5442

 EE5442

■ EE3F2A

■ EE695A

■ EE2912

■ EE7F72

■ EE1900

■ EE9489

■ EEA9A1

■ EEBFB9

■ EED4D1

■ EEE9E9

■ EEFEFF

■ EFFFFFF

# Harmonies

## Analogous

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



F6407F



EE5442



CC7200

# Triad

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



EE5442



00A253



008CFF

# Complementary

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



EE5442



42DCEE

# 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.



009DFC



EE5442



00A594

# Square

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



EE5442



569907



00A4D2



9872EF

# Rectangle

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



EE5442



AC8300



00A4D2



0093FF



# Sweetspot

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



EE5442



FFC7DC



EE42DD



80625E



000000



808080



# Same Dimension

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



EE5442



FF3821



EEA942



786D6C



B81300



380600

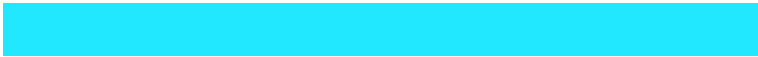


# Inverse Universe

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



42DCEE



21E8FF



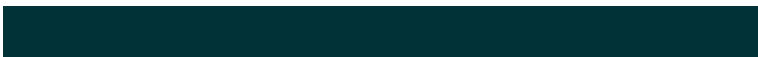
4287EE



6C7778



00A4B8



003238



# Previews

## White Background



This preview shows how the Hex color EE5442 looks on a white background.

## Color Contrast Check

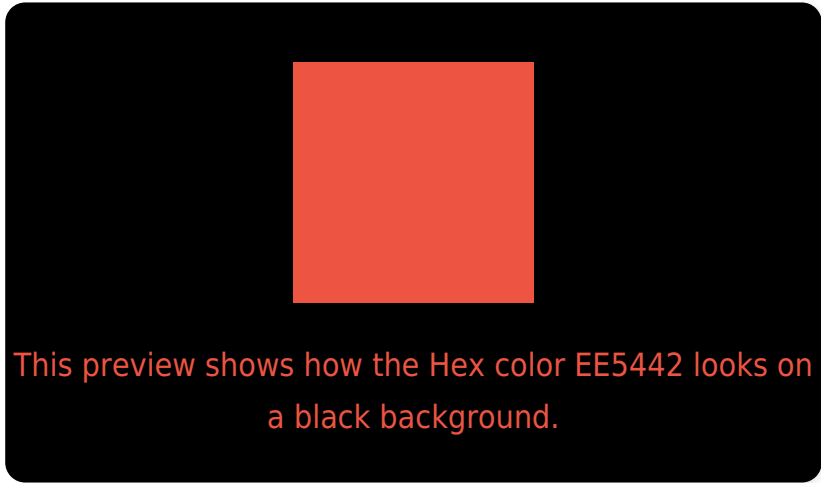
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5442 Background



This preview shows how black text looks on a background with the Hex color EE5442.



This preview shows how white text looks on a background with the Hex color EE5442.

# 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**  
EE5442

**Protanopia**  
968954

**Deuteranopia**  
AA8239



# Trichromacy



**Original Color**  
EE5442

**Protanomaly**  
B6764D

**Deuteranomaly**  
C3713C

**Tritanomaly**  
EF524F

# Monochromacy



**Original Color**  
EE5442

**Achromatopsia**  
808080

**Achromatomaly**  
A87069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE5442 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 #EE5442 looks like.

```
.text, #text, p{  
  color:#EE5442  
}
```

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 #EE5442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5442
}
```

## Border

The CSS property to change the border of an element to Hex EE5442 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
#EE5442 }
```

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

```
.border{ border-color:#EE5442 }
```

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

Here you see how a box with a 4 pixel #EE5442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5442; -webkit-box-shadow:4px 4px  
4px 4px #EE5442; box-shadow:4px 4px 4px  
4px #EE5442 }
```

# Background

The CSS property to change the background color of an element to Hex EE5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5442 }
```

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

```
.background{ background-color:#EE5442 }
```

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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