

Converting Colors

Hex(EF4944)

Have a look what the booklet for
Hex(EE4944) contains.

Hex(EE4944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EF4944)

Conversions

Conversions Part 1

Format	Color
Hex	EE4944
RGB	238, 73, 68
RGB Percent	93%, 29%, 27%
CMY	0.0667, 0.7137, 0.7333
CMYK	0.00, 0.69, 0.71, 0.07
HSL	2°, 83%, 60%
HSV	2°, 71%, 93%
XYZ	38.6858, 23.3596, 7.9387
YIQ	121.7650, 99.9450, 33.4250

Conversions

Conversions Part 2

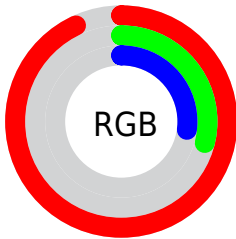
Format	Color
R_{YB}	238, 73, 68
Decimal	15616324
CIE Lab	55.44, 62.61, 39.62
CIE LCh	55, 74.094, 32.326
Yxy	23.3596, 0.5528, 0.3338
Android (android.graphics.Color)	4293806404 (0xFFEE4944)
YUV	121.7650, -26.5061, 101.9381
Hunter-Lab	48.3318, 58.2949, 24.0936

Details

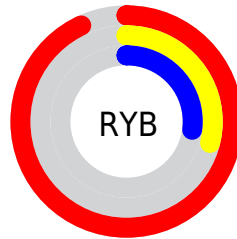
The Hex color **EE4944** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **44E9EE**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8375**, and **AE0018** is the 20% darker color. If you saturate the color by 10%, you get **EE322C**, and if you desaturate by 10%, it is **EE605C**.

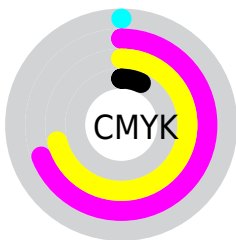
Distribution



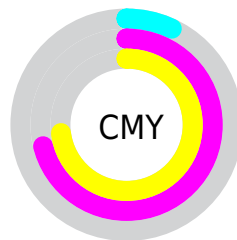
- Red (93%)
- Green (29%)
- Blue (27%)



- Red (93%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE4944 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 EE4944 by changing the saturation by 10% instead.

 EE4944

 EE4944

FFFFFF

 CE292D

 FF8375

 AE0018

 FF9F8F

 8F0000

 FFBCA9

 700000

 FFD9C4

 510001

 FFF7E1

 340002

FFFFFFD

 000000

 EE4944

 EE4944

 EE322C

 EE605C

 EE1B14

 EE7774

 EE0700

 EE8E8B

 EEA5A3

 EEBCBB

 EED4D3

 EEEBEB

 EEFFFF

Harmonies

Analogous

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



F33683



EE4944



CE6A00

Triad

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



EE4944



009D45



008BFF

Complementary

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



EE4944



44E9EE

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.



009AF7



EE4944



00A188

Square

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



EE4944



5A9400



00A0C8



8671F3

Rectangle

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



EE4944



AE7C00



00A0C8



0092FF

Sweetspot

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



EE4944



FFCBC9



EE44EB



806160



000000



808080

Same Dimension

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



EE4944



FF2A24



EE9C44



786C6C



B80500



380200

Inverse Universe

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



44E9EE



24F9FF



4496EE



6C7778



00B2B8



003638

Previews

White Background



This preview shows how the Hex color EE4944 looks on a white background.

Color Contrast Check

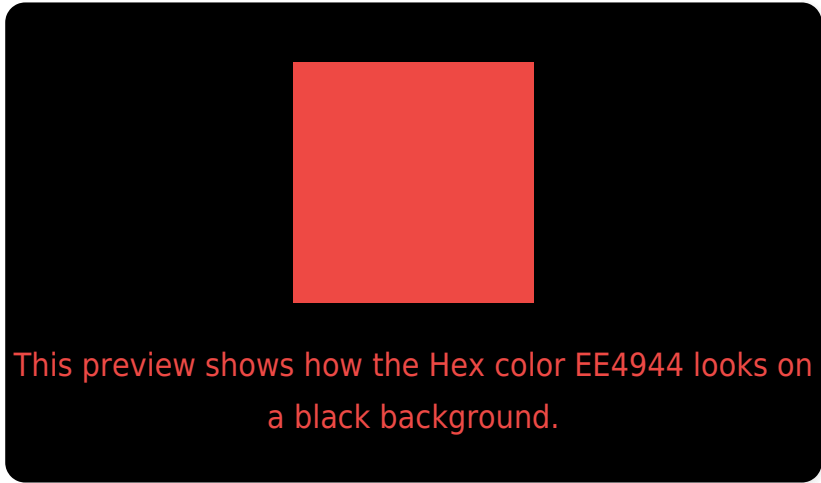
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE4944 Background



This preview shows how black text looks on a background with the Hex color EE4944.



This preview shows how white text looks on a background with the Hex color EE4944.

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
EE4944

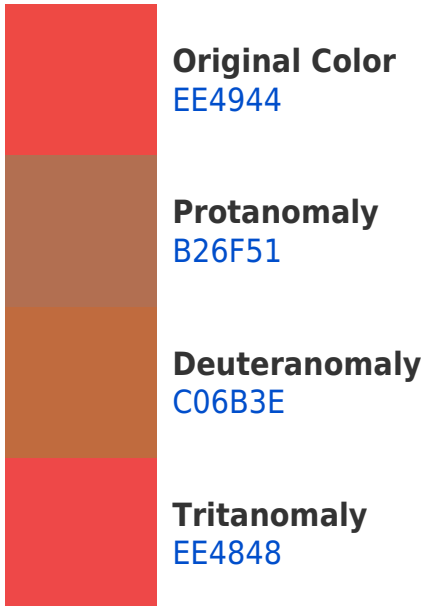
Protanopia
908559

Deuteranopia
A57F3A



Tritanopia
EE484B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EE4944 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 #EE4944 looks like.

```
.text, #text, p{  
    color:#EE4944  
}
```

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 #EE4944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE4944
}
```

Border

The CSS property to change the border of an element to Hex EE4944 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
#EE4944 }
```

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

```
.border{ border-color:#EE4944 }
```

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

Here you see how a box with a 4 pixel #EE4944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE4944; -webkit-box-shadow:4px 4px  
4px 4px #EE4944; box-shadow:4px 4px 4px  
4px #EE4944 }
```

Background

The CSS property to change the background color of an element to Hex EE4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE4944 }
```

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

```
.background{ background-color:#EE4944 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor