

Converting Colors

Hex(E75946)

Have a look what the booklet for
Hex(E75946) contains.

Hex(E75946)	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(E75946)

Conversions

Conversions Part 1

Format	Color
Hex	E75946
RGB	231, 89, 70
RGB Percent	91%, 35%, 27%
CMY	0.0941, 0.6510, 0.7255
CMYK	0.00, 0.61, 0.70, 0.09
HSL	7°, 77%, 59%
HSV	7°, 70%, 91%
XYZ	37.6329, 24.5759, 8.5545
YIQ	129.2920, 90.7310, 24.1950

Conversions

Conversions Part 2

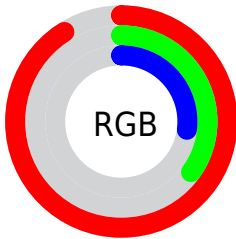
Format	Color
R_{YB}	231, 92, 70
Decimal	15161670
CIE Lab	56.66, 53.96, 39.62
CIE LCh	57, 66.944, 36.284
Yxy	24.5759, 0.5318, 0.3473
Android (android.graphics.Color)	4293351750 (0xFFE75946)
YUV	129.2920, -29.2310, 89.1979
Hunter-Lab	49.5741, 48.7490, 24.4708

Details

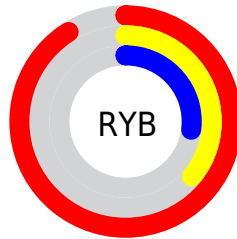
The Hex color **E75946** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46D4E7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9077**, and **A81E19** is the 20% darker color. If you saturate the color by 10%, you get **E7452F**, and if you desaturate by 10%, it is **E76D5D**.

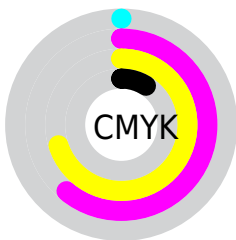
Distribution



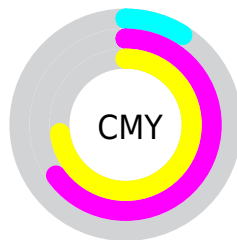
- Red (91%)
- Green (35%)
- Blue (27%)



- Red (91%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E75946 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 E75946 by changing the saturation by 10% instead.

 E75946

 E75946

FFFFFF

 C83D2F

 FF9077

 A81E19

 FFAC91

 8A0001

 FFC9AC

 6B0000

 FFE6C7

 4D0000

 FFFFEE

 320002

 000000

 E75946

 E75946

 E7452F

 E76D5D

 E73018

 E78274

 E71C01

 E7968B

 E71B00

 E7AAA2

 E7BFBA

 E7D3D1

 E7E8E8

 E7FCFF

 E7FFFF

Harmonies

Analogous

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



EF497E



E75946



C7730E

Triad

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



E75946



009F56



008BFD

Complementary

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



E75946



46D4E7

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.



009AF3



E75946



00A293

Square

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



E75946



5A981B



00A1CC



9873E7

Rectangle

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



E75946



A98300



00A1CC



0091FD

Sweetspot

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



E75946



FFD0C9



E746D4



806360



000000



808080

Same Dimension

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



E75946



FF4229



E7A946



736967



B31500



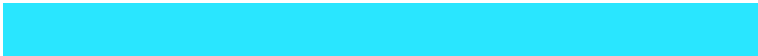
330600

Inverse Universe

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



46D4E7



29E6FF



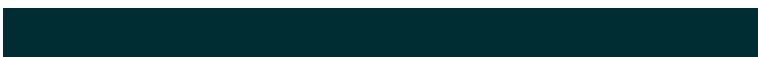
4684E7



677173



009DB3



002D33

Previews

White Background



This preview shows how the Hex color E75946 looks on a white background.

Color Contrast Check

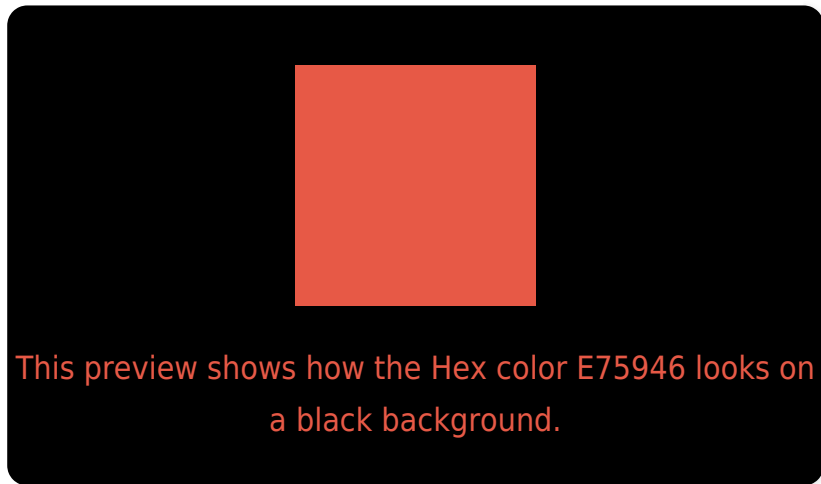
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75946 Background



This preview shows how black text looks on a background with the Hex color E75946.



This preview shows how white text looks on a background with the Hex color E75946.

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](#).

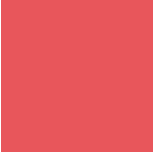
Dichromacy



Original Color
E75946

Protanopia
958857

Deuteranopia
A9823E



Tritanopia
E8565B

Trichromacy



Original Color
E75946

Protanomaly
B37751

Deuteranomaly
C07341

Tritanomaly
E85753

Monochromacy



Original Color
E75946

Achromatopsia
818181

Achromatomaly
A6726C

CSS Examples

Text

The CSS property to change the color of the text to Hex E75946 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 #E75946 looks like.

```
.text, #text, p{  
    color:#E75946  
}
```

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 #E75946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75946
}
```

Border

The CSS property to change the border of an element to Hex E75946 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
#E75946 }
```

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

```
.border{ border-color:#E75946 }
```

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

Here you see how a box with a 4 pixel #E75946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75946; -webkit-box-shadow:4px 4px  
4px 4px #E75946; box-shadow:4px 4px 4px  
4px #E75946 }
```

Background

The CSS property to change the background color of an element to Hex E75946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75946 }
```

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

```
.background{ background-color:#E75946 }
```

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