

# Converting Colors

Hex(E95747)

Have a look what the booklet for  
Hex(E95747) contains.

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**Color**

**Hex(E95747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E95747
RGB	233, 87, 71
RGB Percent	91%, 34%, 28%
CMY	0.0863, 0.6588, 0.7216
CMYK	0.00, 0.63, 0.70, 0.09
HSL	6°, 79%, 60%
HSV	6°, 70%, 91%
XYZ	38.1498, 24.5950, 8.6978
YIQ	128.8300, 92.1520, 25.9760

# Conversions

## Conversions Part 2

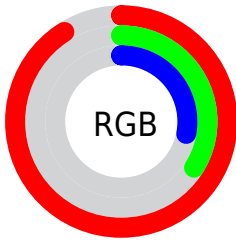
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 89, 71
Decimal	15292231
CIE <sub>Lab</sub>	56.68, 55.56, 39.17
CIE <sub>LCh</sub>	57, 67.978, 35.188
Yxy	24.5950, 0.5340, 0.3443
Android (android.graphics.Color)	4293482311 (0xFFE95747)
YUV	128.8300, -28.5102, 91.3571
Hunter-Lab	49.5933, 50.5234, 24.3169

# Details

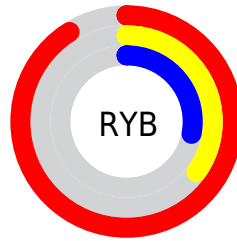
The Hex color **E95747** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **47D9E9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8E78**, and **AA1A1A** is the 20% darker color. If you saturate the color by 10%, you get **E94230**, and if you desaturate by 10%, it is **E96C5E**.

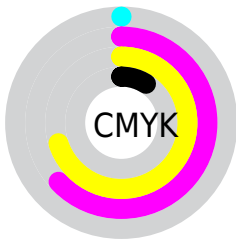
# Distribution



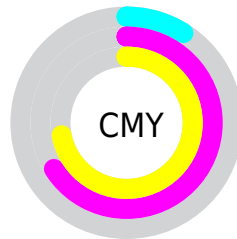
- Red (91%)
- Green (34%)
- Blue (28%)



- Red (91%)
- Yellow (35%)
- Blue (28%)



- Cyan (0%)
- Magenta (63%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (66%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E95747 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 E95747 by changing the saturation by 10% instead.



 E95747

 E95747

FFFFFF

 C93B30

 FF8E78

 AA1A1A

 FFAB92

 8B0002

 FFC7AD

 6D0000

 FFE4C8

 4F0000

 FFFFE4

 330002

 000000

 E95747

 E95747

 E94230

 E96C5E

 E92D18

 E98176

 E91801

 E9968D

 E91700

 E9ABA4

 E9C0BC

 E9D5D3

 E9EAEA

 E9FFFF

# Harmonies

## Analogous

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



F04780



E95747



CA720C

# Triad

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



E95747



00A053



008CFF

# Complementary

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



E95747



47D9E9

# 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.



009BF4



E95747



00A391

# Square

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



E95747



5C9715



00A2CB



9573EA

# Rectangle

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



E95747



AB8200



00A2CB



0092FF



# Sweetspot

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



E95747



FFCFC9



E947DC



806360



000000



808080



# Same Dimension

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



E95747



FF402B



E9A647



756B6A



B51200



360500

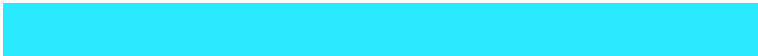


# Inverse Universe

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



47D9E9



2BEAFF



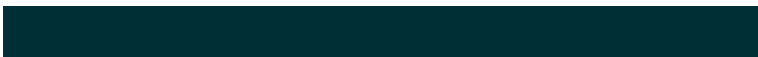
478BE9



6A7475



00A3B5

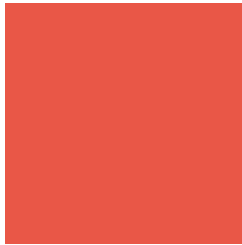


003036



# Previews

## White Background



This preview shows how the Hex color E95747 looks on a white background.

## Color Contrast Check

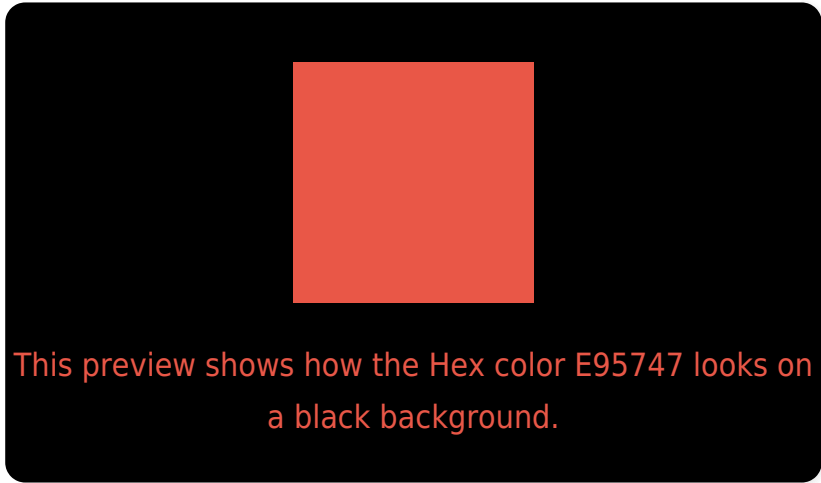
Large Text (above 18pt) WCAG AA ✓ Pass

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 E95747 Background



This preview shows how black text looks on a background with the Hex color E95747.

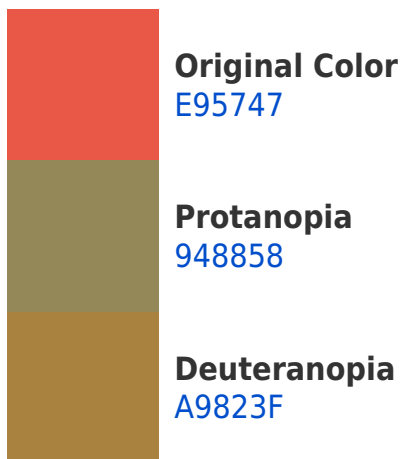


This preview shows how white text looks on a background with the Hex color E95747.

# 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





# Trichromacy



**Original Color**  
E95747

**Protanomaly**  
B37652

**Deuteranomaly**  
C07242

**Tritanomaly**  
EA5552

# Monochromacy



**Original Color**  
E95747

**Achromatopsia**  
818181

**Achromatomaly**  
A7726C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E95747 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 #E95747 looks like.

```
.text, #text, p{  
    color:#E95747  
}
```

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 #E95747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E95747
}
```

## Border

The CSS property to change the border of an element to Hex E95747 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
#E95747 }
```

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

```
.border{ border-color:#E95747 }
```

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

Here you see how a box with a 4 pixel #E95747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E95747; -webkit-box-shadow:4px 4px  
4px 4px #E95747; box-shadow:4px 4px 4px  
4px #E95747 }
```

# Background

The CSS property to change the background color of an element to Hex E95747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E95747 }
```

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

```
.background{ background-color:#E95747 }
```

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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