

# Converting Colors

Hex(E95E64)

Have a look what the booklet for  
Hex(E95E64) contains.

<b>Hex(E95E64)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E95E64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E95E64
RGB	233, 94, 100
RGB Percent	91%, 37%, 39%
CMY	0.0863, 0.6314, 0.6078
CMYK	0.00, 0.60, 0.57, 0.09
HSL	357°, 76%, 64%
HSV	357°, 60%, 91%
XYZ	39.9072, 26.2491, 15.0198
YIQ	136.2450, 80.9180, 31.3340

# Conversions

## Conversions Part 2

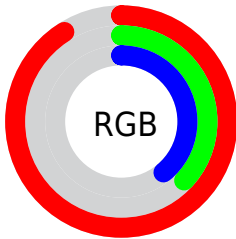
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 94, 100
Decimal	15294052
CIE <sub>Lab</sub>	58.27, 54.26, 24.72
CIE <sub>LCh</sub>	58, 59.627, 24.490
Yxy	26.2491, 0.4916, 0.3234
Android (android.graphics.Color)	4293484132 (0xFFE95E64)
YUV	136.2450, -17.8688, 84.8541
Hunter-Lab	51.2339, 49.3782, 18.4822

# Details

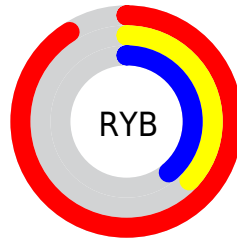
The Hex color **E95E64** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **5EE9E3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9597**, and **AC2435** is the 20% darker color. If you saturate the color by 10%, you get **E9474E**, and if you desaturate by 10%, it is **E9757A**.

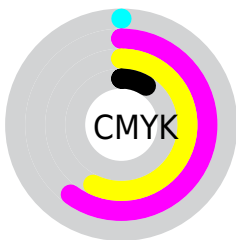
# Distribution



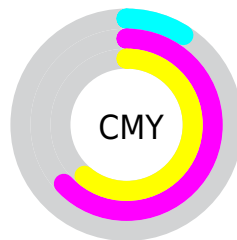
- Red (91%)
- Green (37%)
- Blue (39%)



- Red (91%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (9%)



- Cyan (9%)
- Magenta (63%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E95E64 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 E95E64 by changing the saturation by 10% instead.



 E95E64

 E95E64

FFFFFF

 CA424C

 FF9597

 AC2435

 FFB1B1

 8D0020

 FFCECD

 70000B

 FFEBE9

 520000

 370002

 0A0000

 000000

 E95E64

 E95E64

 E9474E

 E9757A

 E92F37

 E98D91

 E91821

 E9A4A7

 E9010B

 E9BBBD

 E9000A

 E9D3D3

 E9EAEA

 E9FFFF

# Harmonies

## Analogous

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



E55A98



E95E64



D57137

# Triad

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



E95E64



34A04C



0095F4

# Complementary

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



E95E64



5EE9E3

# 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.



00A0E0



E95E64



00A480

# Square

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



E95E64



7D9621



00A5B6



7A82EC

# Rectangle

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



E95E64



BD801E



00A5B6



009AF1



# Sweetspot

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



E95E64



FFD1D3



E25EE9



806365



000000



808080



# Same Dimension

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



E95E64



FF474F



E99D5E



756A6A



B50008



360002



# Inverse Universe

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



E95E64



FF474F



5EAAE9



756A6A



B50008



360002



# Previews

## White Background



This preview shows how the Hex color E95E64 looks on a white background.

## Color Contrast Check

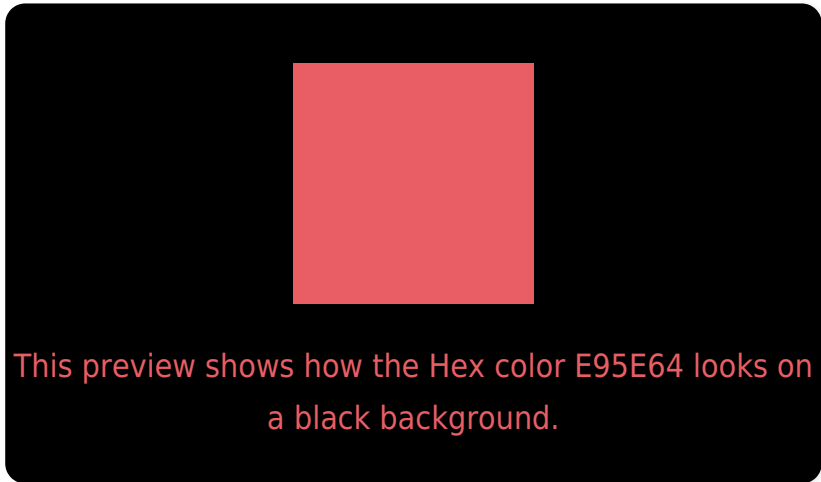
Large Text (above 18pt) WCAG AA ✓ Pass

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 E95E64 Background



This preview shows how black text looks on a background with the Hex color E95E64.

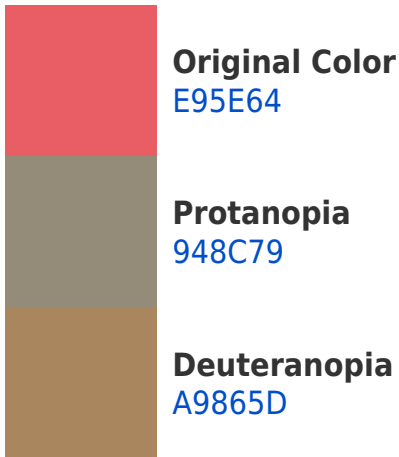


This preview shows how white text looks on a background with the Hex color E95E64.

# 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





**Tritanopia**  
E95E64

# Trichromacy



**Original Color**  
E95E64

**Protanomaly**  
B37B71

**Deuteranomaly**  
C07760

**Tritanomaly**  
E95E64

# Monochromacy



**Original Color**  
E95E64

**Achromatopsia**  
888888

**Achromatomaly**  
AB797B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E95E64 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 #E95E64 looks like.

```
.text, #text, p{  
    color:#E95E64  
}
```

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 #E95E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E95E64
}
```

## Border

The CSS property to change the border of an element to Hex E95E64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

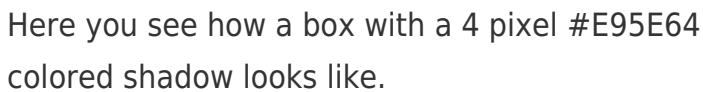
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E95E64 }
```

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

```
.border{ border-color:#E95E64 }
```

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



Here you see how a box with a 4 pixel #E95E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E95E64; -webkit-box-shadow:4px 4px  
4px 4px #E95E64; box-shadow:4px 4px 4px  
4px #E95E64 }
```

# Background

The CSS property to change the background color of an element to Hex E95E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E95E64 }
```

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

```
.background{ background-color:#E95E64 }
```

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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