

# Converting Colors

Hex(E86955)

Have a look what the booklet for  
Hex(E86955) contains.

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**Color**

**Hex(E86955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E86955
RGB	232, 105, 85
RGB Percent	91%, 41%, 33%
CMY	0.0902, 0.5882, 0.6667
CMYK	0.00, 0.55, 0.63, 0.09
HSL	8°, 76%, 62%
HSV	8°, 63%, 91%
XYZ	39.9700, 27.9148, 11.8758
YIQ	140.6930, 82.1120, 20.7040

# Conversions

## Conversions Part 2

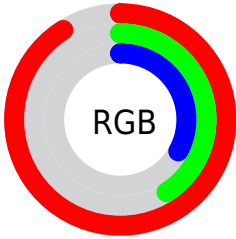
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 108, 85
Decimal	15231317
CIE <sub>Lab</sub>	59.81, 47.83, 35.15
CIE <sub>LCh</sub>	60, 59.355, 36.316
Yxy	27.9148, 0.5011, 0.3500
Android (android.graphics.Color)	4293421397 (0xFFE86955)
YUV	140.6930, -27.4566, 80.0762
Hunter-Lab	52.8345, 42.5772, 23.6573

# Details

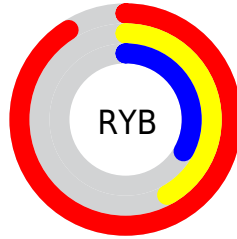
The Hex color **E86955** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **55D4E8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9F87**, and **AA3327** is the 20% darker color. If you saturate the color by 10%, you get **E8553E**, and if you desaturate by 10%, it is **E87D6C**.

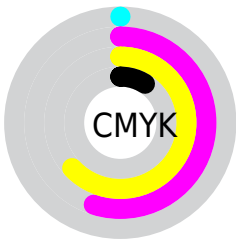
# Distribution



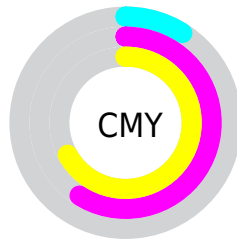
- Red (91%)
- Green (41%)
- Blue (33%)



- Red (91%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (9%)



- Cyan (9%)
- Magenta (59%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E86955 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 E86955 by changing the saturation by 10% instead.



 E86955

 E86955

FFFFFF

 C94E3D

 FF9F87

 AA3327

 FFBB A2

 8C1511

 FFD8BD

 6F0000

 FFF5D9

 510000

 FFFFF5

 370002

 0A0000

 000000

 E86955

 E86955

 E8553E

 E87D6C

 E84127

 E89183

 E82D0F

 E8A59B

 E82000

 E8B9B2

 E8CDC9

 E8E1E0

 E8F5F7

 E8FFFF

# Harmonies

## Analogous

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



EE5E87



E86955



CC7E2C

# Triad

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



E86955



00A664



2792F8

# Complementary

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



E86955



55D4E8

# 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.



00A1EF



E86955



00A99A

# Square

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



E86955



6A9E35



00A8CD



A07DE5

# Rectangle

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



E86955



B08B1B



00A8CD



0098F9



# Sweetspot

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



E86955



FFD5CF



E855D4



806662



000000



808080



# Same Dimension

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



E86955



FF583D



E8B255



736967



B31800



330700



# Inverse Universe

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



55D4E8



3DE5FF



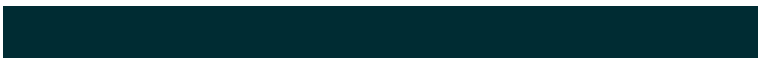
558BE8



677173



009AB3

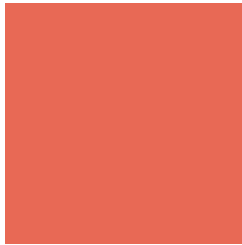


002C33



# Previews

## White Background



This preview shows how the Hex color E86955 looks on a white background.

## Color Contrast Check

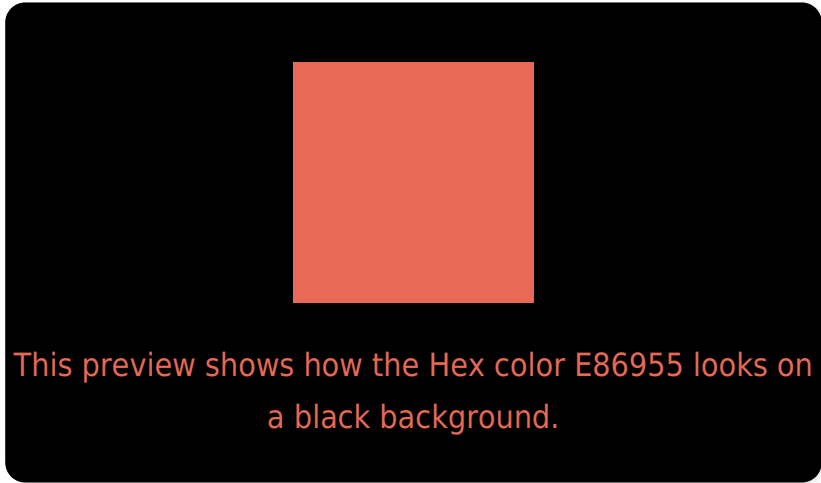
Large Text (above 18pt) WCAG AA ✓ Pass

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 E86955 Background



This preview shows how black text looks on a background with the Hex color E86955.

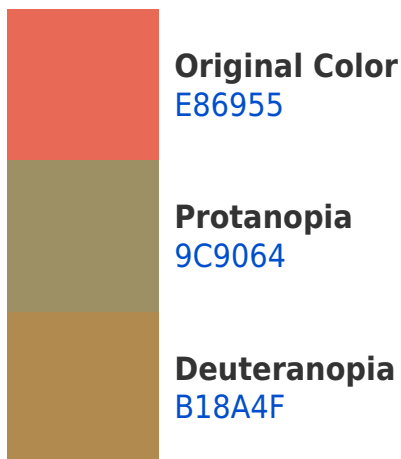


This preview shows how white text looks on a background with the Hex color E86955.

# 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**  
E9666D

# Trichromacy



**Original Color**  
E86955

**Protanomaly**  
B8825F

**Deuteranomaly**  
C57E51

**Tritanomaly**  
E96764

# Monochromacy



**Original Color**  
E86955

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
AE8079

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E86955 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 #E86955 looks like.

```
.text, #text, p{  
  color:#E86955  
}
```

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 #E86955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86955
}
```

## Border

The CSS property to change the border of an element to Hex E86955 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
#E86955 }
```

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

```
.border{ border-color:#E86955 }
```

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

Here you see how a box with a 4 pixel #E86955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86955; -webkit-box-shadow:4px 4px  
4px 4px #E86955; box-shadow:4px 4px 4px  
4px #E86955 }
```

# Background

The CSS property to change the background color of an element to Hex E86955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86955 }
```

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

```
.background{ background-color:#E86955 }
```

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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