

# Converting Colors

Hex(E85959)

Have a look what the booklet for  
Hex(E85959) contains.

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# Color

**Hex(E85959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E85959
RGB	232, 89, 89
RGB Percent	91%, 35%, 35%
CMY	0.0902, 0.6510, 0.6510
CMYK	0.00, 0.62, 0.62, 0.09
HSL	0°, 76%, 63%
HSV	0°, 62%, 91%
XYZ	38.6543, 25.0218, 12.2436
YIQ	131.7570, 85.2280, 30.3160

# Conversions

## Conversions Part 2

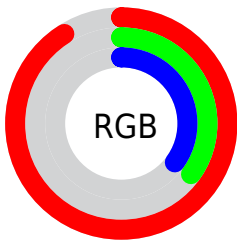
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 89, 89
Decimal	15227225
CIE Lab	57.10, 55.37, 29.49
CIE LCh	57, 62.738, 28.043
Yxy	25.0218, 0.5091, 0.3296
Android (android.graphics.Color)	4293417305 (0xFFE85959)
YUV	131.7570, -21.0792, 87.9131
Hunter-Lab	50.0218, 50.3973, 20.5032

# Details

The Hex color **E85959** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **59E8E8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF908B**, and **AA1D2B** is the 20% darker color. If you saturate the color by 10%, you get **E84242**, and if you desaturate by 10%, it is **E87070**.

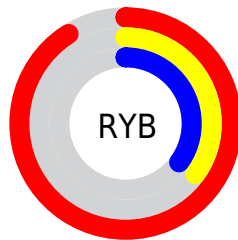
# Distribution



Red (91%)

Green (35%)

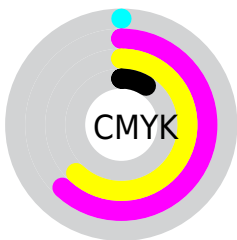
Blue (35%)



Red (91%)

Yellow (35%)

Blue (35%)

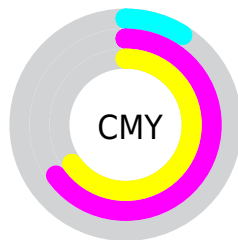


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (9%)



Cyan (9%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E85959 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 E85959 by changing the saturation by 10% instead.



 E85959

 E85959

FFFFFF

 C93D42

 FF908B

 AA1D2B

 FFADA5

 8C0017

 FFC9C1

 6E0000

 FFE6DC

 500000

 FFFFF9

 340002

 000000

 E85959

 E85959

 E84242

 E87070

 E82B2B

 E88787

 E81313

 E89F9F

 E80000

 E8B6B6

 E8CDCD

 E8E4E4

 E8FBFB

 E8FFFF

# Harmonies

## Analogous

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



E7528F



E85959



D06F29

# Triad

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



E85959



0B9E4C



0091F7

# Complementary

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



E85959



59E8E8

# 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.



009DE5



E85959



00A284

# Square

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



E85959



719519



00A2BB



817CEA

# Rectangle

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



E85959



B67F09



00A2BB



0096F4



# Sweetspot

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



E85959



FFD1D1



E859E8



806363



000000



808080



# Same Dimension

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



E85959



FF4242



E8A159



736767



B30000



330000



# Inverse Universe

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



59E8E8



42FFFF



59A1E8



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E85959 looks on a white background.

## Color Contrast Check

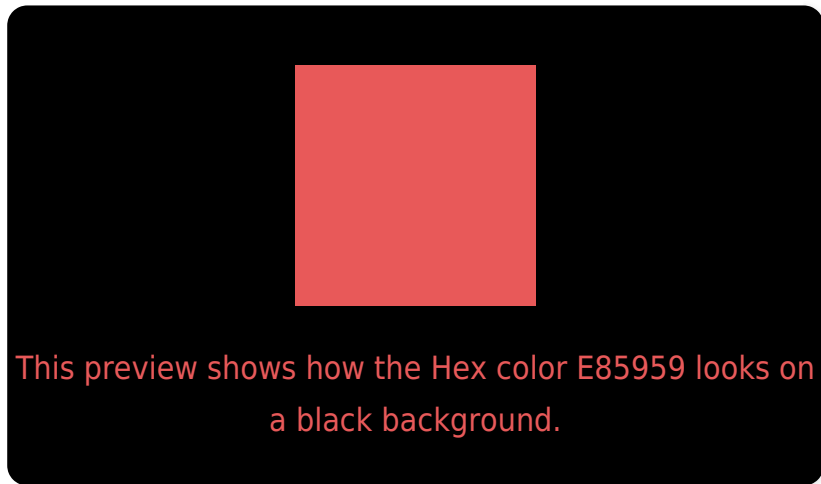
Large Text (above 18pt) WCAG AA ✓ Pass

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 E85959 Background



This preview shows how black text looks on a background with the Hex color E85959.

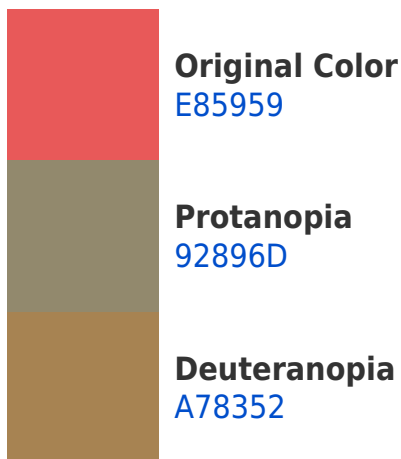


This preview shows how white text looks on a background with the Hex color E85959.

# 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



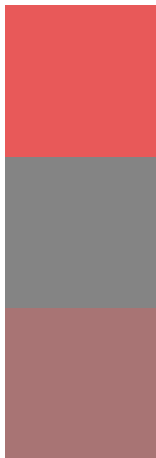
**Original Color**  
E85959

**Protanomaly**  
B17866

**Deuteranomaly**  
BF7455

**Tritanomaly**  
E8585C

# Monochromacy



**Original Color**  
E85959

**Achromatopsia**  
848484

**Achromatomaly**  
A87474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E85959 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 #E85959 looks like.

```
.text, #text, p{  
    color:#E85959  
}
```

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 #E85959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85959
}
```

## Border

The CSS property to change the border of an element to Hex E85959 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
#E85959 }
```

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

```
.border{ border-color:#E85959 }
```

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

Here you see how a box with a 4 pixel #E85959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85959; -webkit-box-shadow:4px 4px  
4px 4px #E85959; box-shadow:4px 4px 4px  
4px #E85959 }
```

# Background

The CSS property to change the background color of an element to Hex E85959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85959 }
```

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

```
.background{ background-color:#E85959 }
```

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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