

# Converting Colors

Hex(E35959)

Have a look what the booklet for  
Hex(E35959) contains.

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# Color

**Hex(E35959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E35959
RGB	227, 89, 89
RGB Percent	89%, 35%, 35%
CMY	0.1098, 0.6510, 0.6510
CMYK	0.00, 0.61, 0.61, 0.11
HSL	0°, 71%, 62%
HSV	0°, 61%, 89%
XYZ	37.0541, 24.1969, 12.1687
YIQ	130.2620, 82.2480, 29.2560

# Conversions

## Conversions Part 2

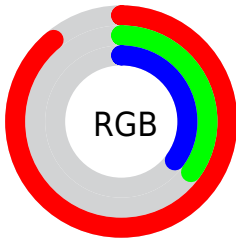
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 89, 89
Decimal	14899545
CIE <sub>Lab</sub>	56.28, 53.69, 28.29
CIE <sub>LCh</sub>	56, 60.688, 27.787
Yxy	24.1969, 0.5047, 0.3296
Android (android.graphics.Color)	4293089625 (0xFFE35959)
YUV	130.2620, -20.3422, 84.8392
Hunter-Lab	49.1904, 48.3773, 19.7661

# Details

The Hex color **E35959** 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 **59E3E3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF908B**, and **A51E2B** is the 20% darker color. If you saturate the color by 10%, you get **E34242**, and if you desaturate by 10%, it is **E37070**.

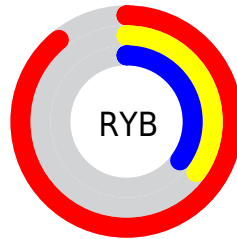
# Distribution



Red (89%)

Green (35%)

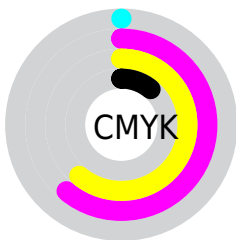
Blue (35%)



Red (89%)

Yellow (35%)

Blue (35%)

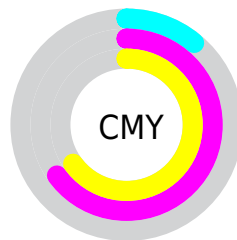


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35959 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 E35959 by changing the saturation by 10% instead.



 E35959

 E35959

FFFFFF

 C43D42

 FF908B

 A51E2B

 FFACA5

 870017

 FFC9C1

 6A0000

 FFE6DC

 4C0000

 FFFFF9

 300002

 000000

 E35959

 E35959

 E34242

 E37070

 E32C2C

 E38686

 E31515

 E39D9D

 E30000

 E3B4B4

 E3CBCB

 E3E1E1

 E3F8F8

 E3FFFF

# Harmonies

## Analogous

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



E2538D



E35959



CC6E2B

# Triad

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



E35959



189B4B



008EF1

# Complementary

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



E35959



59E3E3

# 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.



009AE0



E35959



009F81

# Square

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



E35959



71921C



009FB7



7F7BE5

# Rectangle

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



E35959



B37D10



009FB7



0093EE



# Sweetspot

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



E35959



FFD1D1



E359E3



806363



000000



808080



# Same Dimension

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



E35959



FF4545



E39E59



736767



B30000



330000



# Inverse Universe

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



59E3E3



45FFFF



599EE3



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E35959 looks on a white background.

## Color Contrast Check

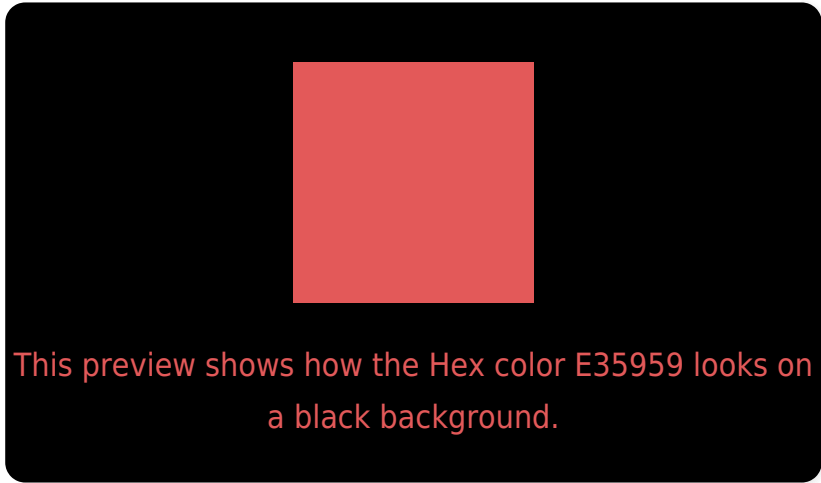
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35959 Background



This preview shows how black text looks on a background with the Hex color E35959.



This preview shows how white text looks on a background with the Hex color E35959.

# 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**  
E35959

**Protanopia**  
90876C

**Deuteranopia**  
A48152



# Trichromacy



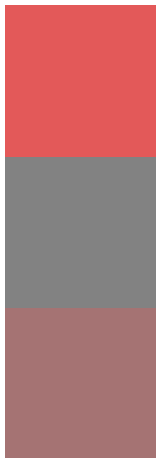
**Original Color**  
E35959

**Protanomaly**  
AE7665

**Deuteranomaly**  
BB7255

**Tritanomaly**  
E3585C

# Monochromacy



**Original Color**  
E35959

**Achromatopsia**  
828282

**Achromatomaly**  
A57373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35959 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 #E35959 looks like.

```
.text, #text, p{  
    color:#E35959  
}
```

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 #E35959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35959
}
```

## Border

The CSS property to change the border of an element to Hex E35959 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
#E35959 }
```

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

```
.border{ border-color:#E35959 }
```

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

Here you see how a box with a 4 pixel #E35959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35959; -webkit-box-shadow:4px 4px  
4px 4px #E35959; box-shadow:4px 4px 4px  
4px #E35959 }
```

# Background

The CSS property to change the background color of an element to Hex E35959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35959 }
```

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

```
.background{ background-color:#E35959 }
```

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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