

# Converting Colors

Hex(ED4249)

Have a look what the booklet for  
Hex(ED4249) contains.

<b>Hex(ED4249)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(ED4249)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED4249
RGB	237, 66, 73
RGB Percent	93%, 26%, 29%
CMY	0.0706, 0.7412, 0.7137
CMYK	0.00, 0.72, 0.69, 0.07
HSL	358°, 83%, 59%
HSV	358°, 72%, 93%
XYZ	38.0759, 22.3820, 8.6167
YIQ	117.9270, 99.6690, 38.4290

# Conversions

## Conversions Part 2

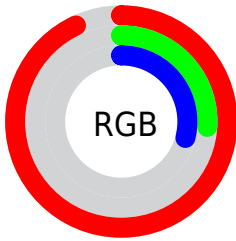
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 66, 73</a>
Decimal	<a href="#">15549001</a>
CIELab	<a href="#">54.43, 65.01, 35.56</a>
CIELCh	<a href="#">54, 74.102, 28.682</a>
Yxy	<a href="#">22.3820, 0.5512, 0.3240</a>
Android (android.graphics.Color)	<a href="#">4293739081</a> (0xFFED4249)
YUV	<a href="#">117.9270, -22.1490, 104.4270</a>
Hunter-Lab	<a href="#">47.3096, 60.8691, 22.3180</a>

# Details

The Hex color **ED4249** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42EDE6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7D7A**, and **AD001D** is the 20% darker color. If you saturate the color by 10%, you get **ED2A32**, and if you desaturate by 10%, it is **ED5A60**.

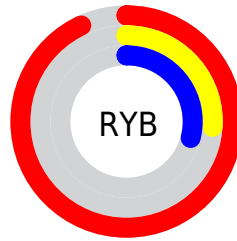
# Distribution



Red (93%)

Green (26%)

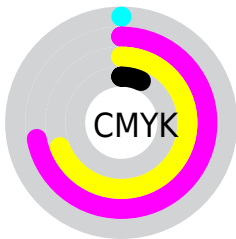
Blue (29%)



Red (93%)

Yellow (26%)

Blue (29%)

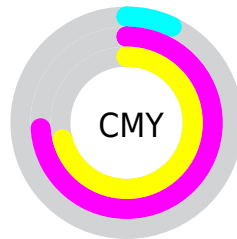


Cyan (0%)

Magenta (72%)

Yellow (69%)

Black (7%)



Cyan (7%)

Magenta (74%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED4249 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 ED4249 by changing the saturation by 10% instead.



 ED4249

 ED4249

FFFFFF

 CD1E32

 FF7D7A

 AD001D

 FF9A94

 8E0007

 FFB7AE

 6F0000

 FFD4CA

 500002

 FFF2E6

 330002

 000000

 ED4249

 ED4249

 ED2A32

 ED5A60

 ED131C

 ED7176

 ED000A

 ED898D

 EDA1A4

 EDB8BB

 EDD0D1

 EDE8E8

 EDFFFF

# Harmonies

## Analogous

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



EE3388



ED4249



D06300

# Triad

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



ED4249



009A3A



008BFF

# Complementary

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



ED4249



42EDE6

# 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.



0099F0



ED4249



009E7D

# Square

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



ED4249



609000



009EBE



7572F4

# Rectangle

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



ED4249



B17700



009EBE



0091FF



# Sweetspot

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



ED4249



FFC7C9



E442ED



805E60



000000



808080



# Same Dimension

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



ED4249



FF212A



ED8F42



756A6A



B50007



360002



# Inverse Universe

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



ED4249



FF212A



42A0ED



756A6A



B50007



360002



# Previews

## White Background



This preview shows how the Hex color ED4249 looks on a white background.

## Color Contrast Check

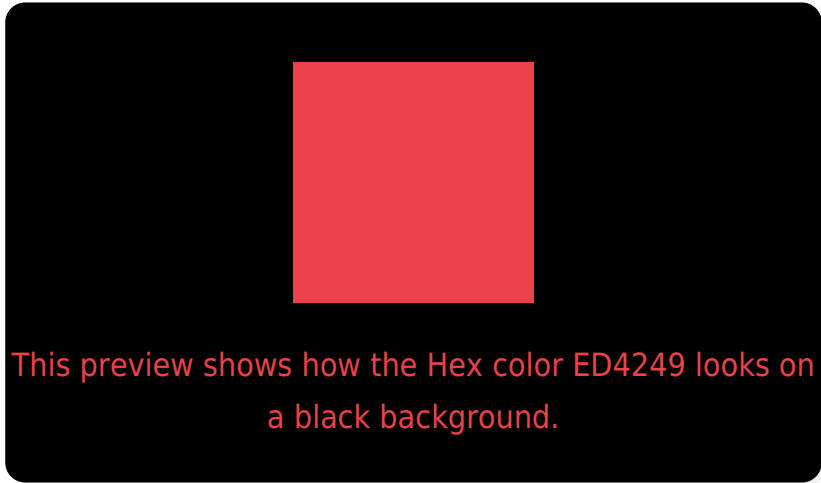
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4249 Background



This preview shows how black text looks on a background with the Hex color ED4249.

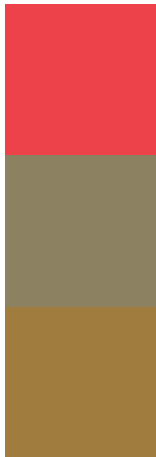


This preview shows how white text looks on a background with the Hex color ED4249.

# 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**  
ED4249

**Protanopia**  
8C8261

**Deuteranopia**  
A17C3F



# Trichromacy



**Original Color**  
ED4249

**Protanomaly**  
AF6B58

**Deuteranomaly**  
BD6743

**Tritanomaly**  
ED4346

# Monochromacy



**Original Color**  
ED4249

**Achromatopsia**  
767676

**Achromatomaly**  
A16366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED4249 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 #ED4249 looks like.

```
.text, #text, p{  
    color:#ED4249  
}
```

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 #ED4249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4249
}
```

## Border

The CSS property to change the border of an element to Hex ED4249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

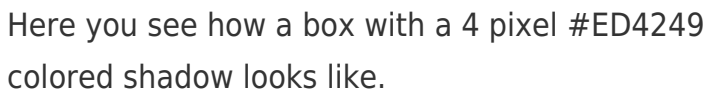
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED4249 }
```

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

```
.border{ border-color:#ED4249 }
```

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



Here you see how a box with a 4 pixel #ED4249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4249; -webkit-box-shadow:4px 4px  
4px 4px #ED4249; box-shadow:4px 4px 4px  
4px #ED4249 }
```

# Background

The CSS property to change the background color of an element to Hex ED4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4249 }
```

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

```
.background{ background-color:#ED4249 }
```

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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