

# Converting Colors

Hex(ED4545)

Have a look what the booklet for  
Hex(ED4545) contains.

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# Color

**Hex(ED4545)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED4545
RGB	237, 69, 69
RGB Percent	93%, 27%, 27%
CMY	0.0706, 0.7294, 0.7294
CMYK	0.00, 0.71, 0.71, 0.07
HSL	0°, 82%, 60%
HSV	0°, 71%, 93%
XYZ	38.1274, 22.6904, 8.0004
YIQ	119.2320, 100.1280, 35.6160

# Conversions

## Conversions Part 2

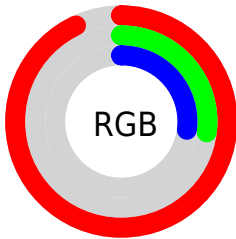
Format	Color
R <sub>Y</sub> B	237, 69, 69
Decimal	15549765
CIE Lab	54.75, 63.79, 38.22
CIE LCh	55, 74.360, 30.928
Yxy	22.6904, 0.5540, 0.3297
Android (android.graphics.Color)	4293739845 (0xFFED4545)
YUV	119.2320, -24.7644, 103.2825
Hunter-Lab	47.6345, 59.5137, 23.3862

# Details

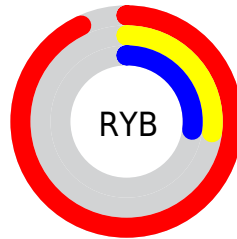
The Hex color **ED4545** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45EDED**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7F76**, and **AD0019** is the 20% darker color. If you saturate the color by 10%, you get **ED2D2D**, and if you desaturate by 10%, it is **ED5D5D**.

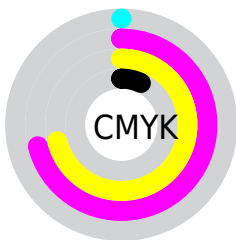
# Distribution



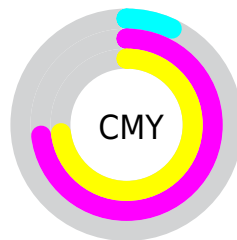
- Red (93%)
- Green (27%)
- Blue (27%)



- Red (93%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED4545 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 ED4545 by changing the saturation by 10% instead.



 ED4545

 ED4545

FFFFFF

 CD232E

 FF7F76

 AD0019

 FF9C8F

 8E0001

 FFB9AA

 6F0000

 FFD6C5

 500001

 FFF4E1

 330002

FFFFFFE

 000000

 ED4545

 ED4545

 ED2D2D

 ED5D5D

 ED1616

 ED7474

 ED0000

 ED8C8C

 EDA4A4

 EDBBBB

 EDD3D3

 EDEBEB

 EDFFFF

# Harmonies

## Analogous

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



F13384



ED4545



CE6700

# Triad

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



ED4545



009B40



008BFF

# Complementary

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



ED4545



45EDED

# 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.



0099F4



ED4545



009F83

# Square

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



ED4545



5B9200



009FC4



7F71F3

# Rectangle

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



ED4545



AF7900



009FC4



0091FF



# Sweetspot

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



ED4545



FFC9C9



ED45ED



806060



000000



808080



# Same Dimension

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



ED4545



FF2626



ED9945



756A6A



B50000



360000



# Inverse Universe

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



45EDED



26FFFF



4599ED



6A7575



00B5B5



003636



# Previews

## White Background



This preview shows how the Hex color ED4545 looks on a white background.

## Color Contrast Check

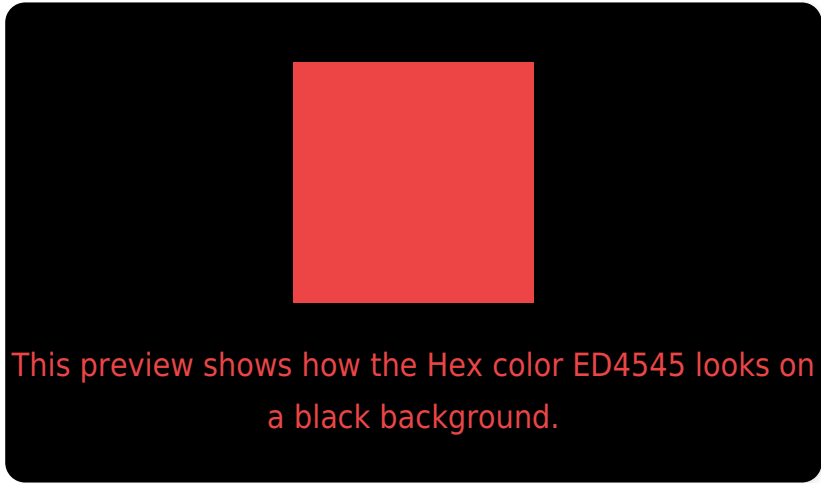
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4545 Background



This preview shows how black text looks on a background with the Hex color ED4545.



This preview shows how white text looks on a background with the Hex color ED4545.

# 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



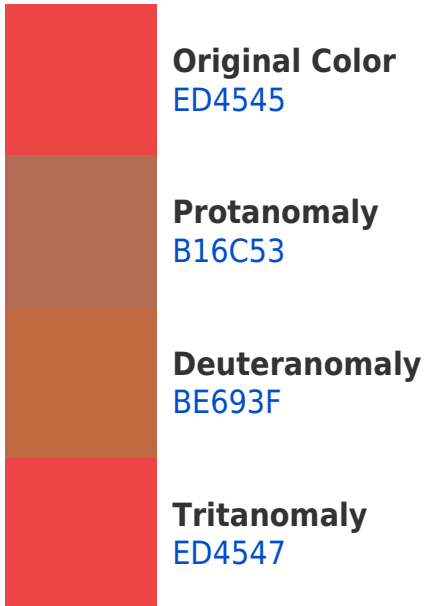
**Original Color**  
ED4545

**Protanopia**  
8E835B

**Deuteranopia**  
A37D3B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED4545 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 #ED4545 looks like.

```
.text, #text, p{  
    color:#ED4545  
}
```

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 #ED4545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4545
}
```

## Border

The CSS property to change the border of an element to Hex ED4545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

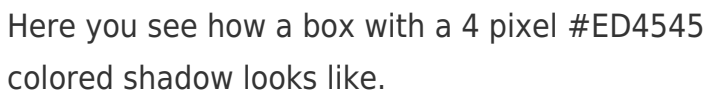
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED4545 }
```

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

```
.border{ border-color:#ED4545 }
```

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



Here you see how a box with a 4 pixel #ED4545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4545; -webkit-box-shadow:4px 4px  
4px 4px #ED4545; box-shadow:4px 4px 4px  
4px #ED4545 }
```

# Background

The CSS property to change the background color of an element to Hex ED4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4545 }
```

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

```
.background{ background-color:#ED4545 }
```

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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