

Converting Colors

Hex(ED4933)

Have a look what the booklet for
Hex(ED4933) contains.

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Color

Hex(ED4933)

Conversions

Conversions Part 1

Format	Color
Hex	ED4933
RGB	237, 73, 51
RGB Percent	93%, 29%, 20%
CMY	0.0706, 0.7137, 0.8000
CMYK	0.00, 0.69, 0.78, 0.07
HSL	7°, 84%, 56%
HSV	7°, 78%, 93%
XYZ	37.9051, 23.0086, 5.5753
YIQ	119.5280, 104.8060, 27.9260

Conversions

Conversions Part 2

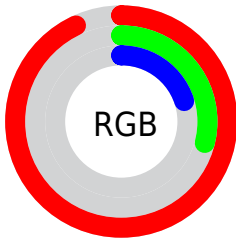
Format	Color
R _Y B	237, 76, 51
Decimal	15550771
CIE Lab	55.08, 61.65, 48.29
CIE LCh	55, 78.310, 38.069
Yxy	23.0086, 0.5701, 0.3461
Android (android.graphics.Color)	4293740851 (0xFFED4933)
YUV	119.5280, -33.7843, 103.0229
Hunter-Lab	47.9673, 57.1130, 26.6858

Details

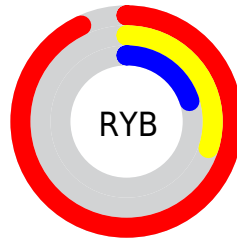
The Hex color **ED4933** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **33D7ED**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8263**, and **AD0004** is the 20% darker color. If you saturate the color by 10%, you get **ED341B**, and if you desaturate by 10%, it is **ED5E4B**.

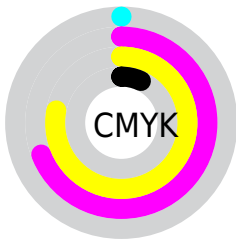
Distribution



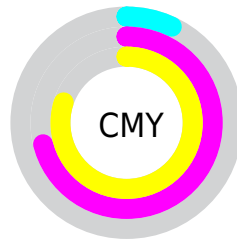
- Red (93%)
- Green (29%)
- Blue (20%)



- Red (93%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (69%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED4933 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 ED4933 by changing the saturation by 10% instead.

 ED4933

 ED4933

FFFFFF

 CD291C

 FF8263

 AD0004

 FF9F7D

 8D0000

 FFBC97

 6E0000

 FFD9B2

 4F0001

 FFF6CE

 320002

 FFFFEA

 000000

 ED4933

 ED4933

 ED341B

 ED5E4B

 ED1F04

 ED7362

 ED1C00

 ED887A

 ED9D92

 EDB1A9

 EDC6C1

 EDDBD9

 EDF0F1

 EDFFFF

Harmonies

Analogous

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



F92975



ED4933



C76D00

Triad

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



ED4933



009E4E



0087FF

Complementary

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



ED4933



33D7ED

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.



0099FF



ED4933



00A195

Square

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



ED4933



429600



00A0D7



9A68F0

Rectangle

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



ED4933



A38000



00A0D7



008EFF

Sweetspot

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



ED4933



FFC9C2



ED33D7



805F5B



000000



808080

Same Dimension

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



ED4933



FF2C0F



EDA633



756B6A



B51500



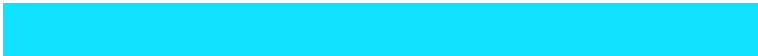
360600

Inverse Universe

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



33D7ED



0FE3FF



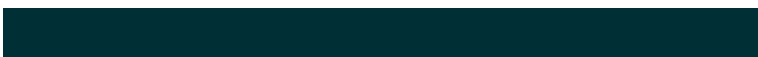
337AED



6A7475



00A0B5



002F36

Previews

White Background



This preview shows how the Hex color ED4933 looks on a white background.

Color Contrast Check

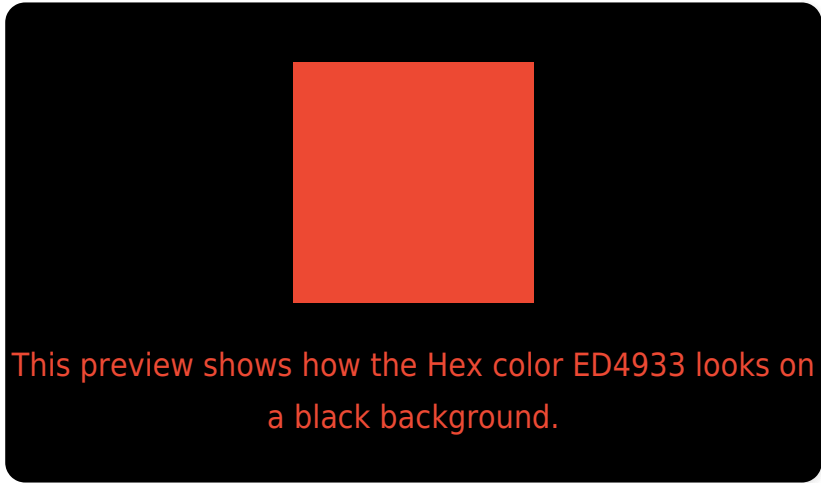
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4933 Background



This preview shows how black text looks on a background with the Hex color ED4933.

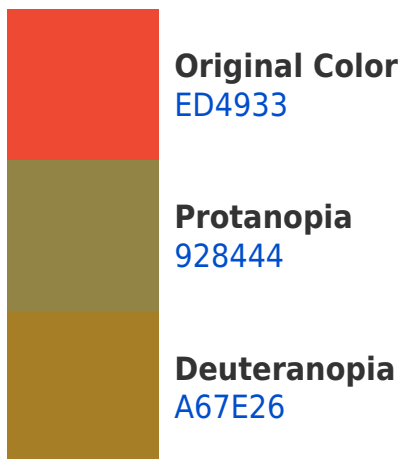


This preview shows how white text looks on a background with the Hex color ED4933.

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
ED4933

Protanomaly
B36F3E

Deuteranomaly
C06B2B

Tritanomaly
EE4741

Monochromacy



Original Color
ED4933

Achromatopsia
787878

Achromatomaly
A3675F

CSS Examples

Text

The CSS property to change the color of the text to Hex ED4933 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 #ED4933 looks like.

```
.text, #text, p{  
    color:#ED4933  
}
```

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 #ED4933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4933
}
```

Border

The CSS property to change the border of an element to Hex ED4933 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".

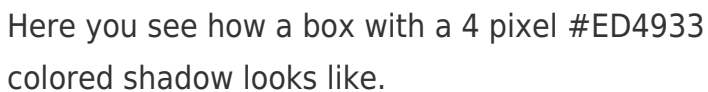
```
.border, #border, table{ border:4px solid
#ED4933 }
```

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

```
.border{ border-color:#ED4933 }
```

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

Here you see how a box with a 4 pixel #ED4933 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4933; -webkit-box-shadow:4px 4px  
4px 4px #ED4933; box-shadow:4px 4px 4px  
4px #ED4933 }
```

Background

The CSS property to change the background color of an element to Hex ED4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4933 }
```

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

```
.background{ background-color:#ED4933 }
```

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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