

Converting Colors

Hex(ED4133)

Have a look what the booklet for
Hex(ED4133) contains.

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Color

Hex(ED4133)

Conversions

Conversions Part 1

Format	Color
Hex	ED4133
RGB	237, 65, 51
RGB Percent	93%, 25%, 20%
CMY	0.0706, 0.7451, 0.8000
CMYK	0.00, 0.73, 0.78, 0.07
HSL	5°, 84%, 56%
HSV	5°, 78%, 93%
XYZ	37.4129, 22.0241, 5.4112
YIQ	114.8320, 107.0060, 32.1100

Conversions

Conversions Part 2

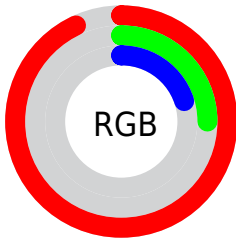
Format	Color
R_{YB}	237, 66, 51
Decimal	15548723
CIE _{Lab}	54.05, 64.48, 47.25
CIE _{LCh}	54, 79.942, 36.231
Yxy	22.0241, 0.5769, 0.3396
Android (android.graphics.Color)	4293738803 (0xFFED4133)
YUV	114.8320, -31.4692, 107.1413
Hunter-Lab	46.9299, 60.1744, 26.0146

Details

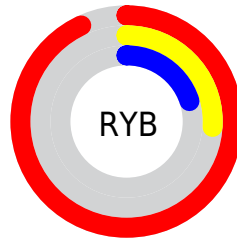
The Hex color **ED4133** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **33DFED**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7C63**, and **AC0005** is the 20% darker color. If you saturate the color by 10%, you get **ED2B1B**, and if you desaturate by 10%, it is **ED574B**.

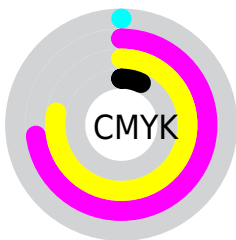
Distribution



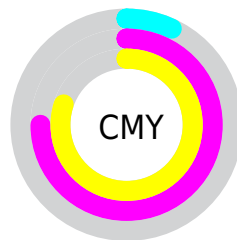
- Red (93%)
- Green (25%)
- Blue (20%)



- Red (93%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED4133 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 ED4133 by changing the saturation by 10% instead.

 ED4133

 ED4133

FFFFFF

 CD1D1C

 FF7C63

 AC0005

 FF997D

 8D0000

 FFB697

 6D0000

 FFD3B2

 4F0002

 FFF1CD

 310002

 FFFFEA

 000000

 ED4133

 ED4133

 ED2B1B

 ED574B

 ED1504

 ED6D62

 ED1200

 ED837A

 ED9992

 EDAFA9

 EDC4C1

 EDDAD9

 EDF0F1

 EDFFFF

Harmonies

Analogous

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



F71D76



ED4133



C76800

Triad

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



ED4133



009B45



0086FF

Complementary

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



ED4133



33DFED

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.



0097FF



ED4133



009E8E

Square

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



ED4133



439300



009ED2



9067F2

Rectangle

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



ED4133



A47C00



009ED2



008DFF

Sweetspot

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



ED4133



FFC6C2



ED33E1



805D5B



000000



808080

Same Dimension

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



ED4133



FF210F



ED9C33



756A6A



B50E00



360400

Inverse Universe

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



33DFED



0FEDFF



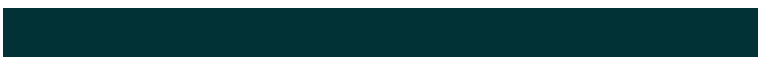
3384ED



6A7475



00A7B5



003236

Previews

White Background



This preview shows how the Hex color ED4133 looks on a white background.

Color Contrast Check

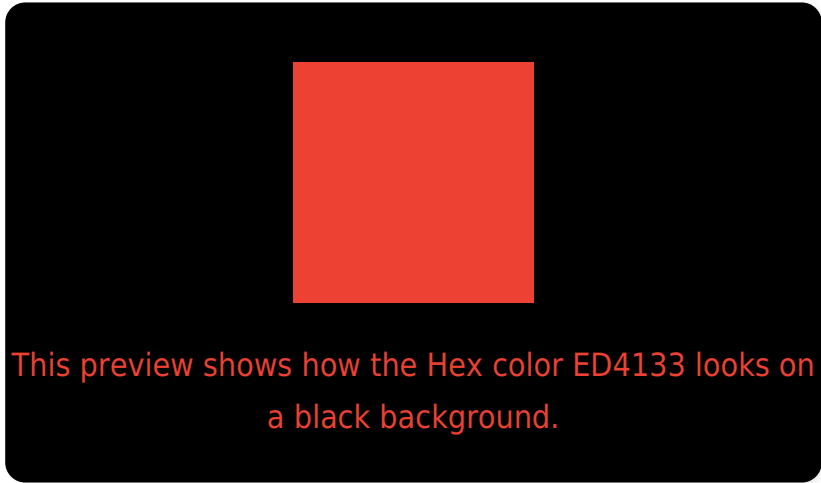
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4133 Background



This preview shows how black text looks on a background with the Hex color ED4133.



This preview shows how white text looks on a background with the Hex color ED4133.

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
ED4133

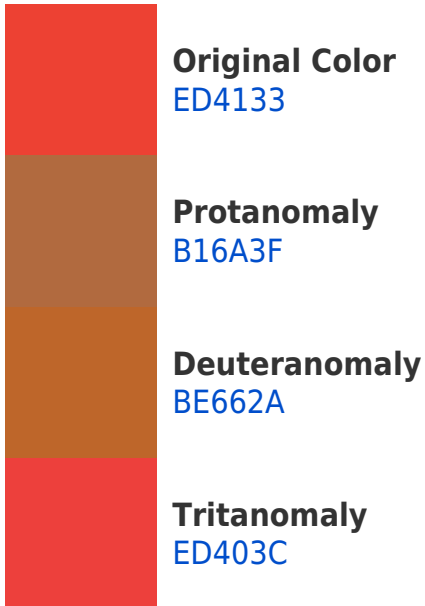
Protanopia
8F8246

Deuteranopia
A37B25

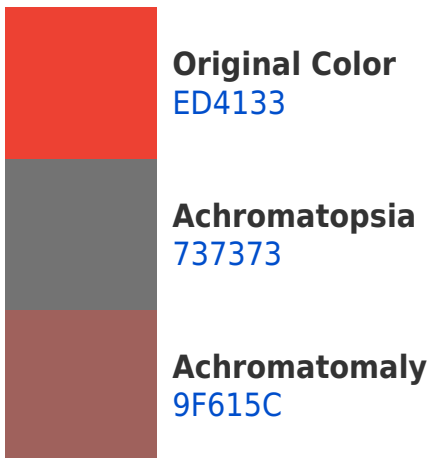


Tritanopia
ED3F41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED4133 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 #ED4133 looks like.

```
.text, #text, p{  
    color:#ED4133  
}
```

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 #ED4133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4133
}
```

Border

The CSS property to change the border of an element to Hex ED4133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

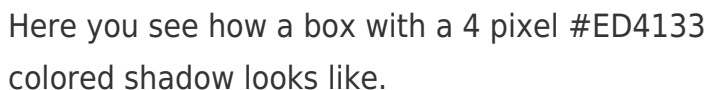
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED4133 }
```

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

```
.border{ border-color:#ED4133 }
```

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



Here you see how a box with a 4 pixel #ED4133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4133; -webkit-box-shadow:4px 4px  
4px 4px #ED4133; box-shadow:4px 4px 4px  
4px #ED4133 }
```

Background

The CSS property to change the background color of an element to Hex ED4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4133 }
```

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

```
.background{ background-color:#ED4133 }
```

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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