

Converting Colors

Hex(ED5138)

Have a look what the booklet for
Hex(ED5138) contains.

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Color

Hex(ED5138)

Conversions

Conversions Part 1

Format	Color
Hex	ED5138
RGB	237, 81, 56
RGB Percent	93%, 32%, 22%
CMY	0.0706, 0.6824, 0.7804
CMYK	0.00, 0.66, 0.76, 0.07
HSL	8°, 83%, 57%
HSV	8°, 76%, 93%
XYZ	38.5813, 24.1749, 6.3741
YIQ	124.7940, 101.0010, 25.2970

Conversions

Conversions Part 2

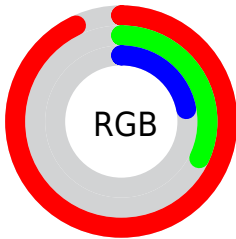
Format	Color
R_{YB}	237, 85, 56
Decimal	15552824
CIE Lab	56.26, 58.73, 46.93
CIE LCh	56, 75.183, 38.627
Yxy	24.1749, 0.5581, 0.3497
Android (android.graphics.Color)	4293742904 (0xFFED5138)
YUV	124.7940, -33.9154, 98.4047
Hunter-Lab	49.1680, 54.0220, 26.7312

Details

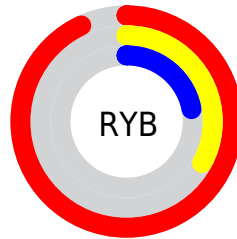
The Hex color **ED5138** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **38D4ED**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8969**, and **AD0B09** is the 20% darker color. If you saturate the color by 10%, you get **ED3D20**, and if you desaturate by 10%, it is **ED6550**.

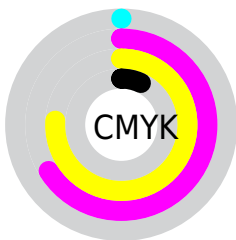
Distribution



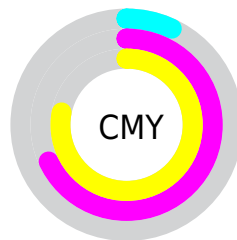
- Red (93%)
- Green (32%)
- Blue (22%)



- Red (93%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED5138 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 ED5138 by changing the saturation by 10% instead.

 ED5138

 ED5138

FFFFFF

 CD3321

 FF8969

 AD0B09

 FFA682

 8E0000

 FFC29D

 6F0000

 FFDFB8

 500001

 FFFDD4

 340002

 FFFFF0

 000000

 ED5138

 ED5138

 ED3D20

 ED6550

 ED2809

 ED7A67

 ED2100

 ED8E7F

 EDA397

 EDB7AE

 EDCCC6

 EDE0DE

 EDF4F6

 EDFFFF

Harmonies

Analogous

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



F93777



ED5138



C87200

Triad

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



ED5138



00A154



0089FF

Complementary

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



ED5138



38D4ED

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.



009BFF



ED5138



00A499

Square

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



ED5138



489900



00A2D8



9F6CEE

Rectangle

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



ED5138



A58300



00A2D8



0090FF

Sweetspot

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



ED5138



FFCC4



ED38D5



80615C



000000



808080

Same Dimension

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



ED5138



FF3514



EDAB38



756B6A



B51900



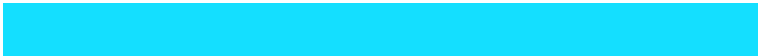
360700

Inverse Universe

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



38D4ED



14DFFF



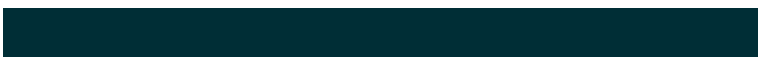
387AED



6A7475



009CB5



002E36

Previews

White Background



This preview shows how the Hex color ED5138 looks on a white background.

Color Contrast Check

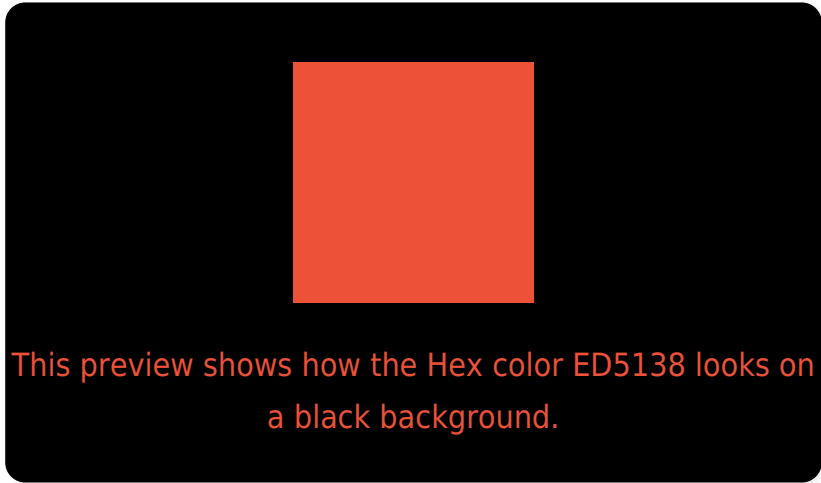
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED5138 Background



This preview shows how black text looks on a background with the Hex color ED5138.

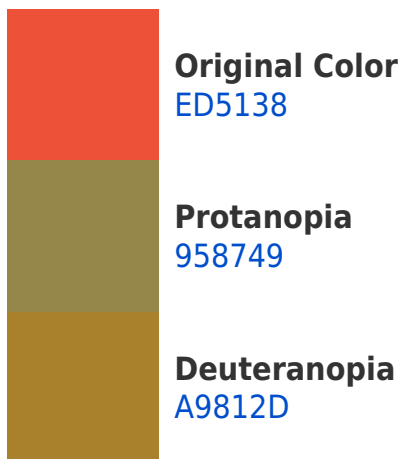


This preview shows how white text looks on a background with the Hex color ED5138.

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





Tritanopia
EE4E52

Trichromacy



Original Color
ED5138

Protanomaly
B57343

Deuteranomaly
C27031

Tritanomaly
EE4F49

Monochromacy



Original Color
ED5138

Achromatopsia
7D7D7D

Achromatomaly
A66D64

CSS Examples

Text

The CSS property to change the color of the text to Hex ED5138 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 #ED5138 looks like.

```
.text, #text, p{  
    color:#ED5138  
}
```

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 #ED5138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED5138
}
```

Border

The CSS property to change the border of an element to Hex ED5138 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
#ED5138 }
```

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

```
.border{ border-color:#ED5138 }
```

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

Here you see how a box with a 4 pixel #ED5138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED5138; -webkit-box-shadow:4px 4px  
4px 4px #ED5138; box-shadow:4px 4px 4px  
4px #ED5138 }
```

Background

The CSS property to change the background color of an element to Hex ED5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED5138 }
```

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

```
.background{ background-color:#ED5138 }
```

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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