

Converting Colors

Hex(ED943B)

Have a look what the booklet for
Hex(ED943B) contains.

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Color

Hex(ED943B)

Conversions

Conversions Part 1

Format	Color
Hex	ED943B
RGB	237, 148, 59
RGB Percent	93%, 58%, 23%
CMY	0.0706, 0.4196, 0.7686
CMYK	0.00, 0.38, 0.75, 0.07
HSL	30°, 83%, 58%
HSV	30°, 75%, 93%
XYZ	46.3044, 39.5001, 9.3214
YIQ	164.4650, 81.6130, -8.8110

Conversions

Conversions Part 2

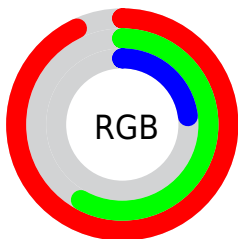
Format	Color
RYB	237, 237, 59
Decimal	15569979
CIELab	69.11, 26.57, 58.60
CIELCh	69, 64.339, 65.613
Yxy	39.5001, 0.4868, 0.4152
Android (android.graphics.Color)	4293760059 (0xFFED943B)
YUV	164.4650, -51.9942, 63.6132
Hunter-Lab	62.8491, 21.5248, 35.2008

Details

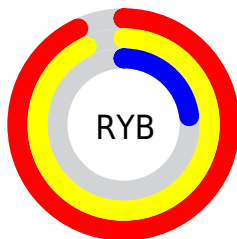
The Hex color **ED943B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3B94ED**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCA6F**, and **B06100** is the 20% darker color. If you saturate the color by 10%, you get **ED8823**, and if you desaturate by 10%, it is **EDA053**.

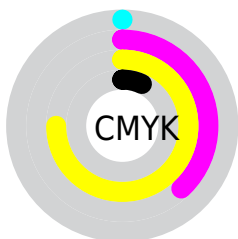
Distribution



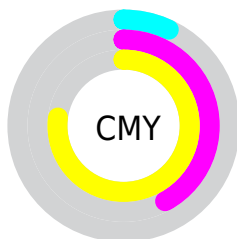
- Red (93%)
- Green (58%)
- Blue (23%)



- Red (93%)
- Yellow (93%)
- Blue (23%)



- Cyan (0%)
- Magenta (38%)
- Yellow (75%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED943B 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 ED943B by changing the saturation by 10% instead.

 ED943B

 ED943B

FFFFFF

 CE7A20

 FFCA6F

 B06100

 FFE78A

 924800

 FFFFA5

 743100

 FFFFC1

 571A00

 FFFFDE

 3C0300

 FFFFFB

 240001

 000000

 ED943B

 ED943B

 ED8823

 EDA053

 ED7C0C

 EDAC6A

 ED7700

 EDB882

 EDC39A

 EDCFB2

 EDDBC9

 EDE7E1

 EDF3F9

 EDFFFF

Harmonies

Analogous

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



FF7D68



ED943B



BDA927

Triad

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



ED943B



00C5B2



B995FF

Complementary

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



ED943B



3B94ED

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.



37ACFF



ED943B



00C3EB

Square

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



ED943B



00C176



00BBFF



F87CDA

Rectangle

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



ED943B



96B436



00BBFF



9A9DFF

Sweetspot

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



ED943B



FFE2C4



ED3B94



806E5C



000000



808080

Same Dimension

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



ED943B



FF8C19



EDED3B



756F6A



B55B00



361B00

Inverse Universe

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



3B94ED



198CFF



3B3BED



6A6F75



005BB5



001B36

Previews

White Background



This preview shows how the Hex color ED943B looks on a white background.

Color Contrast Check

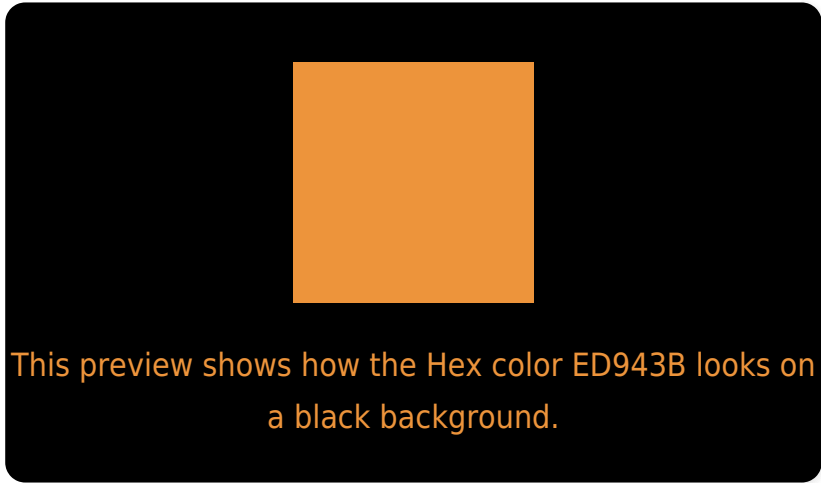
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex ED943B Background



This preview shows how black text looks on a background with the Hex color ED943B.



This preview shows how white text looks on a background with the Hex color ED943B.

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
ED943B

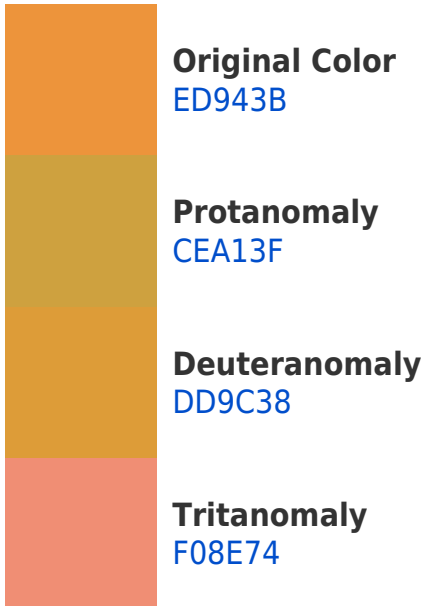
Protanopia
BDA941

Deuteranopia
D4A137



Tritanopia
F28B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED943B 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 #ED943B looks like.

```
.text, #text, p{  
    color:#ED943B  
}
```

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 #ED943B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED943B
}
```

Border

The CSS property to change the border of an element to Hex ED943B 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
#ED943B }
```

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

```
.border{ border-color:#ED943B }
```

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

Here you see how a box with a 4 pixel #ED943B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED943B; -webkit-box-shadow:4px 4px  
4px 4px #ED943B; box-shadow:4px 4px 4px  
4px #ED943B }
```

Background

The CSS property to change the background color of an element to Hex ED943B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED943B }
```

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

```
.background{ background-color:#ED943B }
```

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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