

Converting Colors

Hex(ED9442)

Have a look what the booklet for
Hex(ED9442) contains.

Hex(ED9442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ED9442)

Conversions

Conversions Part 1

Format	Color
Hex	ED9442
RGB	237, 148, 66
RGB Percent	93%, 58%, 26%
CMY	0.0706, 0.4196, 0.7412
CMYK	0.00, 0.38, 0.72, 0.07
HSL	29°, 83%, 59%
HSV	29°, 72%, 93%
XYZ	46.4983, 39.5777, 10.3428
YIQ	165.2630, 79.3660, -6.6340

Conversions

Conversions Part 2

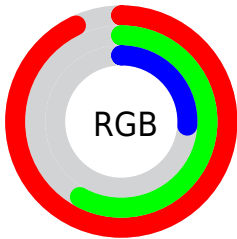
Format	Color
R _Y B	237, 224, 66
Decimal	15569986
CIE Lab	69.17, 26.87, 55.59
CIE LCh	69, 61.741, 64.198
Yxy	39.5777, 0.4823, 0.4105
Android (android.graphics.Color)	4293760066 (0xFFED9442)
YUV	165.2630, -48.9367, 62.9133
Hunter-Lab	62.9108, 21.8382, 34.2900

Details

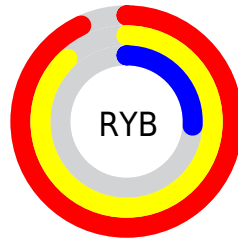
The Hex color **ED9442** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **429BED**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCA76**, and **B06108** is the 20% darker color. If you saturate the color by 10%, you get **ED882A**, and if you desaturate by 10%, it is **EDA05A**.

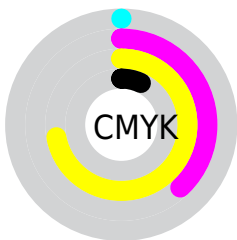
Distribution



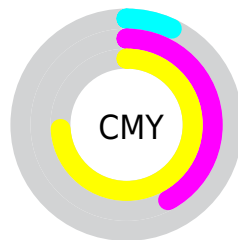
- Red (93%)
- Green (58%)
- Blue (26%)



- Red (93%)
- Yellow (88%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED9442 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 ED9442 by changing the saturation by 10% instead.

 ED9442

 ED9442

FFFFFF

 CE7A28

 FFCA76

 B06108

 FFE791

 924800

 FFFFAC

 753100

 FFFFC8

 581A00

 FFFF E5

 3C0300

 250001

 000000

 ED9442

 ED9442

 ED882A

 EDA05A

 ED7B13

 EDAD71

 ED7200

 EDB989

 EDC5A1

 EDD2B8

 EDDED0

 EDEAE8

 EDF7FF

 EDFFFF

Harmonies

Analogous

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



FF7F6D



ED9442



C0A92F

Triad

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



ED9442



00C4AF



B597FF

Complementary

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



ED9442



429BED

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.



3AADFF



ED9442



00C3E6

Square

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



ED9442



26C076



00BBFF



F380DB

Rectangle

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



ED9442



9AB33A



00BBFF



979FFF

Sweetspot

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



ED9442



FFE2C7



ED429D



806E5E



000000



808080

Same Dimension

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



ED9442



FF8C21



EDE742



756F6A



B55700



361A00

Inverse Universe

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



429BED



2195FF



4248ED



6A7075



005EB5



001C36

Previews

White Background



This preview shows how the Hex color ED9442 looks on a white background.

Color Contrast Check

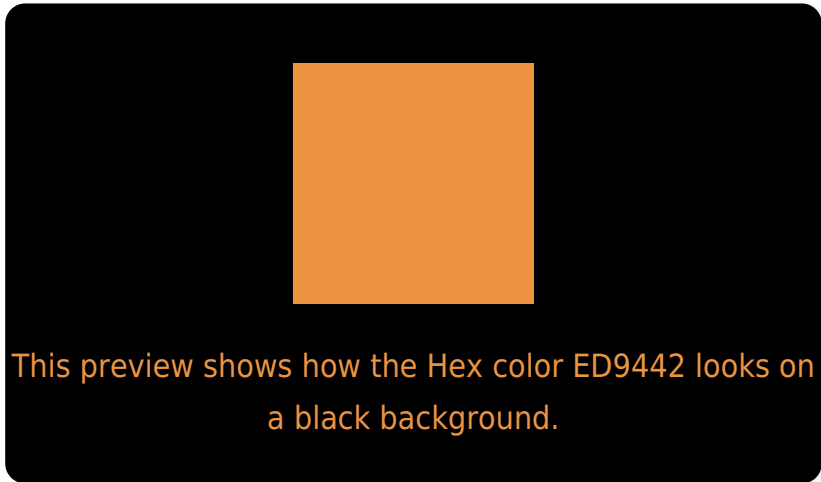
Large Text (above 18pt) WCAG AA × Fail

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 ED9442 Background



This preview shows how black text looks on a background with the Hex color ED9442.



This preview shows how white text looks on a background with the Hex color ED9442.

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
ED9442

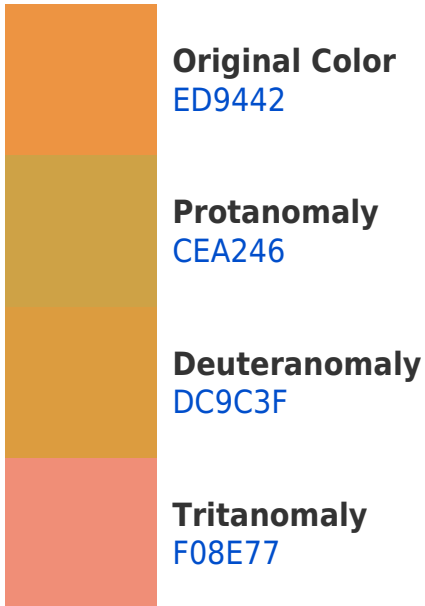
Protanopia
BCAA48

Deuteranopia
D3A13E



Tritanopia
F28B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED9442 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 #ED9442 looks like.

```
.text, #text, p{  
    color:#ED9442  
}
```

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 #ED9442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9442
}
```

Border

The CSS property to change the border of an element to Hex ED9442 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
#ED9442 }
```

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

```
.border{ border-color:#ED9442 }
```

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

Here you see how a box with a 4 pixel #ED9442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9442; -webkit-box-shadow:4px 4px  
4px 4px #ED9442; box-shadow:4px 4px 4px  
4px #ED9442 }
```

Background

The CSS property to change the background color of an element to Hex ED9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9442 }
```

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

```
.background{ background-color:#ED9442 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor