

Converting Colors

Hex(EE9B42)

Have a look what the booklet for
Hex(EE9B42) contains.

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Color

Hex(EE9B42)

Conversions

Conversions Part 1

Format	Color
Hex	EE9B42
RGB	238, 155, 66
RGB Percent	93%, 61%, 26%
CMY	0.0667, 0.3922, 0.7412
CMYK	0.00, 0.35, 0.72, 0.07
HSL	31°, 83%, 60%
HSV	31°, 72%, 93%
XYZ	47.9646, 42.0132, 10.7356
YIQ	169.6710, 78.0370, -10.0830

Conversions

Conversions Part 2

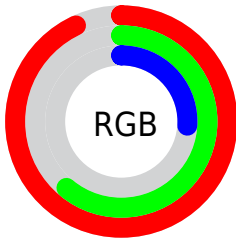
Format	Color
R _Y B	226, 238, 66
Decimal	15637314
CIE Lab	70.88, 23.59, 57.40
CIE LCh	71, 62.057, 67.656
Yxy	42.0132, 0.4762, 0.4172
Android (android.graphics.Color)	4293827394 (0xFFEE9B42)
YUV	169.6710, -51.1098, 59.9245
Hunter-Lab	64.8176, 18.6582, 35.5522

Details

The Hex color **EE9B42** 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 **4295EE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD276**, and **B16806** is the 20% darker color. If you saturate the color by 10%, you get **EE902A**, and if you desaturate by 10%, it is **EEA65A**.

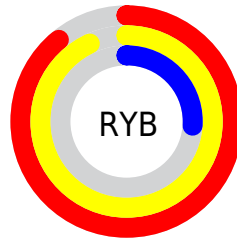
Distribution



Red (93%)

Green (61%)

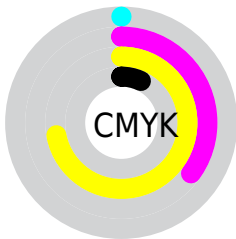
Blue (26%)



Red (89%)

Yellow (93%)

Blue (26%)

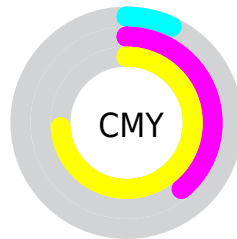


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE9B42 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 EE9B42 by changing the saturation by 10% instead.

 EE9B42

 EE9B42

FFFFFF

 CF8127

 FFD276

 B16806

 FFEE91

 934F00

 FFFFAD

 763800

 FFFFC9

 592100

 FFFF E5

 3E0B00

 270001

 000000

 EE9B42

 EE9B42

 EE902A

 EEA65A

 EE8412

 EEB272

 EE7B00

 EEBD89

 EEC9A1

 EED4B9

 EEE0D1

 EEEBE9

 EE77FF

 EEEFFF

Harmonies

Analogous

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



FF856B



EE9B42



BEAF34

Triad

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



EE9B42



00C9BB



C398FF

Complementary

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



EE9B42



4295EE

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.



57AFFF



EE9B42



00C7F1

Square

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



EE9B42



0BC680



00BFFF



FD82DA

Rectangle

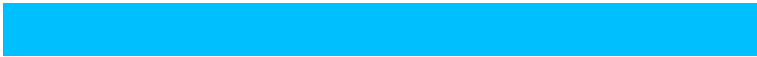
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EE9B42



98BA42



00BFFF



A7A0FF

Sweetspot

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



EE9B42



FFE4C7



EE4295



80705E



000000



808080

Same Dimension

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



EE9B42



FF9421



EBEE42



78726C



B85F00



381D00

Inverse Universe

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



4295EE



218CFF



4542EE



6C7278



0059B8



001B38

Previews

White Background



This preview shows how the Hex color EE9B42 looks on a white background.

Color Contrast Check

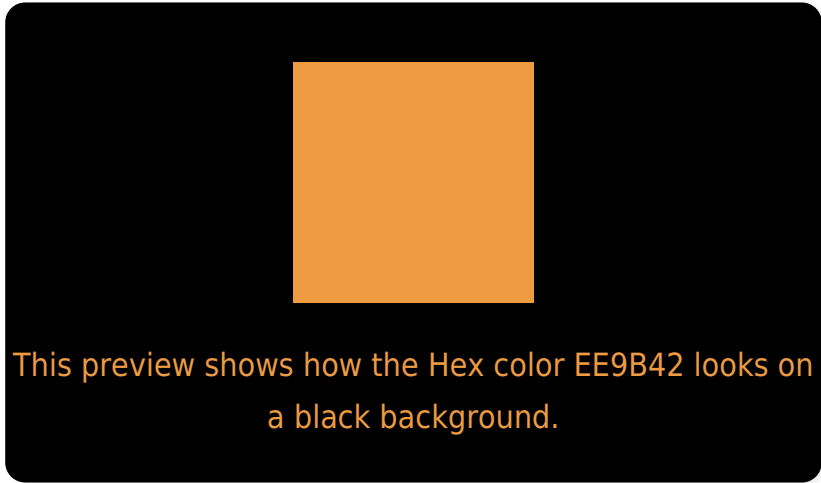
Large Text (above 18pt) WCAG AA × Fail

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 EE9B42 Background



This preview shows how black text looks on a background with the Hex color EE9B42.

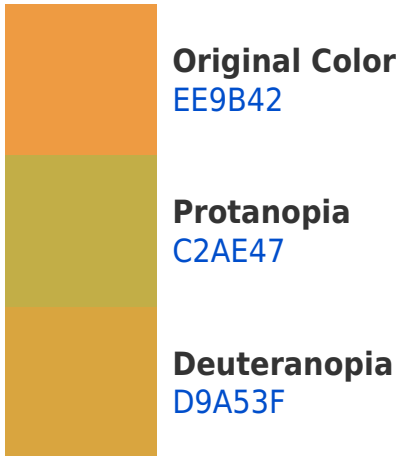


This preview shows how white text looks on a background with the Hex color EE9B42.

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](#).

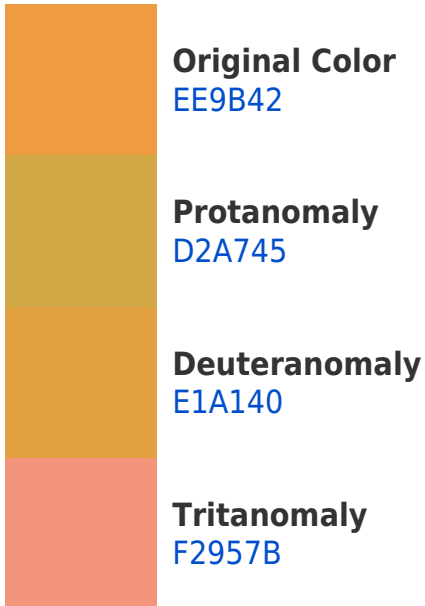
Dichromacy



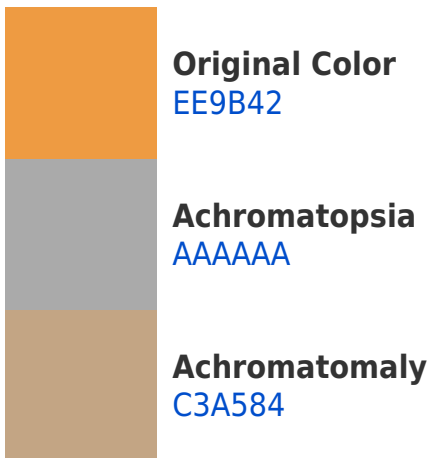


Tritanopia
F4929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EE9B42 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 #EE9B42 looks like.

```
.text, #text, p{  
    color:#EE9B42  
}
```

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 #EE9B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE9B42
}
```

Border

The CSS property to change the border of an element to Hex EE9B42 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
#EE9B42 }
```

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

```
.border{ border-color:#EE9B42 }
```

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

Here you see how a box with a 4 pixel #EE9B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE9B42; -webkit-box-shadow:4px 4px  
4px 4px #EE9B42; box-shadow:4px 4px 4px  
4px #EE9B42 }
```

Background

The CSS property to change the background color of an element to Hex EE9B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE9B42 }
```

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

```
.background{ background-color:#EE9B42 }
```

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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