

# Converting Colors

Hex(E98C42)

Have a look what the booklet for  
Hex(E98C42) contains.

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# **Color**

**Hex(E98C42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E98C42
RGB	233, 140, 66
RGB Percent	91%, 55%, 26%
CMY	0.0863, 0.4510, 0.7412
CMYK	0.00, 0.40, 0.72, 0.09
HSL	27°, 79%, 59%
HSV	27°, 72%, 91%
XYZ	43.9657, 36.4732, 9.8770
YIQ	159.3710, 79.1820, -3.2980

# Conversions

## Conversions Part 2

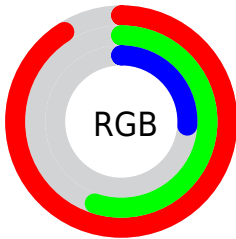
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	233, 199, 66
Decimal	15305794
CIE Lab	66.88, 29.45, 53.03
CIE LCh	67, 60.660, 60.957
Yxy	36.4732, 0.4868, 0.4038
Android (android.graphics.Color)	4293495874 (0xFFE98C42)
YUV	159.3710, -46.0319, 64.5726
Hunter-Lab	60.3930, 24.2591, 32.5785

# Details

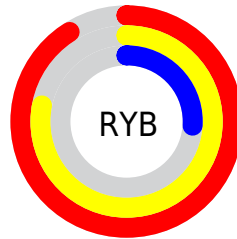
The Hex color **E98C42** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **429FE9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC275**, and **AC590B** is the 20% darker color. If you saturate the color by 10%, you get **E97F2B**, and if you desaturate by 10%, it is **E99959**.

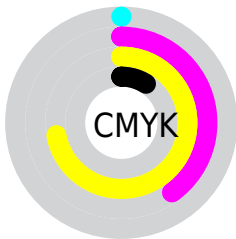
# Distribution



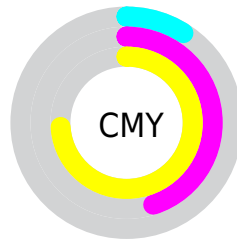
- Red (91%)
- Green (55%)
- Blue (26%)



- Red (91%)
- Yellow (78%)
- Blue (26%)



- Cyan (0%)
- Magenta (40%)
- Yellow (72%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E98C42 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 E98C42 by changing the saturation by 10% instead.



 E98C42

 E98C42

FFFFFF

 CA7228

 FFC275

 AC590B

 FFDE90

 8E4100

 FFFBAB

 712900

 FFFFC7

 541100

 FFFF E3

 380000

 1E0001

 000000

 E98C42

 E98C42

 E97F2B

 E99959

 E97213

 E9A671

 E96700

 E9B388

 E9C09F

 E9CDB7

 E9DACE

 E9E7E5

 E9F4FC

 E9FFFF

# Harmonies

## Analogous

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



FF786E



E98C42



BEA12C

# Triad

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



E98C42



00BDA3



A694FF

# Complementary

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



E98C42



429FE9

# 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.



00A8FF



E98C42



00BCD9

# Square

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



E98C42



34B96B



00B6FF



E67DD9

# Rectangle

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



E98C42



9BAB34



00B6FF



879BFF

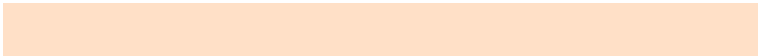


# Sweetspot

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



E98C42



FFE0C7



E942A1



806D5E



000000



808080



# Same Dimension

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



E98C42



FF8524



E9DE42



756F6A



B55000



361800



# Inverse Universe

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



429FE9



249EFF



424DE9



6A7075



0065B5



001E36



# Previews

## White Background



This preview shows how the Hex color E98C42 looks on a white background.

## Color Contrast Check

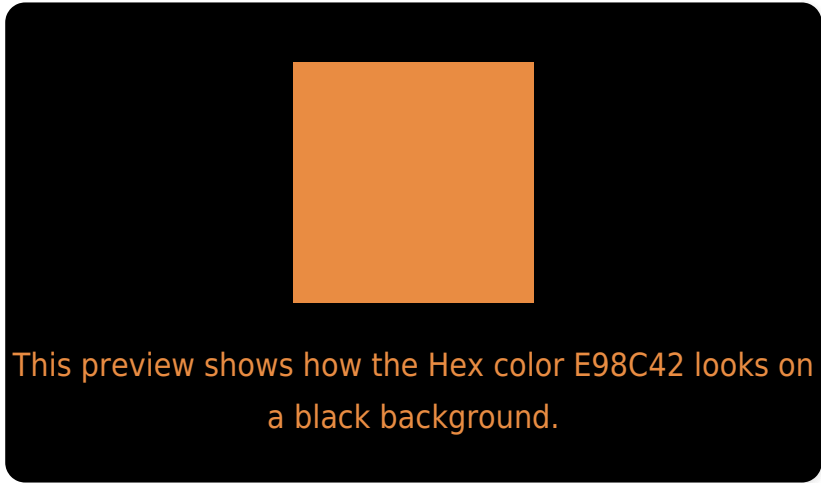
Large Text (above 18pt) WCAG AA × Fail

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 E98C42 Background



This preview shows how black text looks on a background with the Hex color E98C42.




This preview shows how white text looks on a background with the Hex color E98C42.

# 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](#).

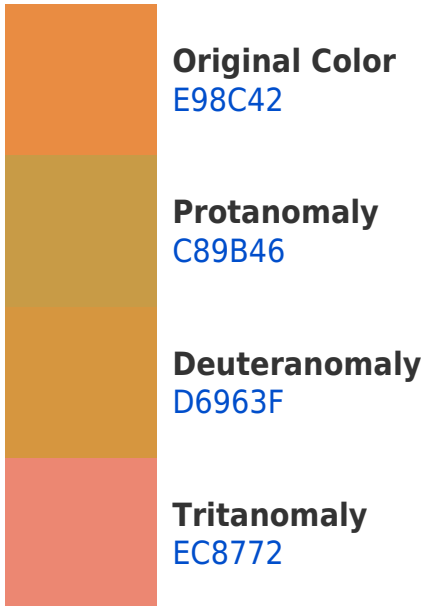
## Dichromacy



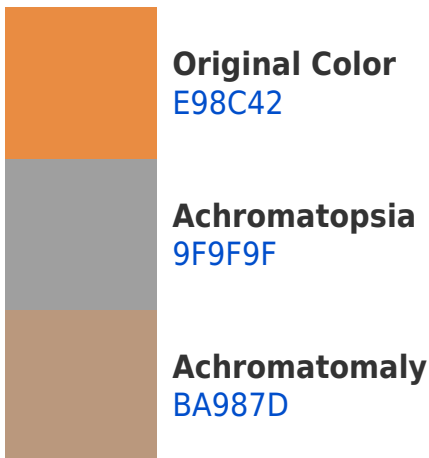


**Tritanopia**  
ED848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E98C42 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 #E98C42 looks like.

```
.text, #text, p{  
    color:#E98C42  
}
```

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 #E98C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98C42
}
```

## Border

The CSS property to change the border of an element to Hex E98C42 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
#E98C42 }
```

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

```
.border{ border-color:#E98C42 }
```

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

Here you see how a box with a 4 pixel #E98C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98C42; -webkit-box-shadow:4px 4px  
4px 4px #E98C42; box-shadow:4px 4px 4px  
4px #E98C42 }
```

# Background

The CSS property to change the background color of an element to Hex E98C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98C42 }
```

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

```
.background{ background-color:#E98C42 }
```

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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