

# Converting Colors

Hex(E18A4C)

Have a look what the booklet for  
Hex(E18A4C) contains.

<b>Hex(E18A4C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E18A4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E18A4C
RGB	225, 138, 76
RGB Percent	88%, 54%, 30%
CMY	0.1176, 0.4588, 0.7020
CMYK	0.00, 0.39, 0.66, 0.12
HSL	25°, 71%, 59%
HSV	25°, 66%, 88%
XYZ	41.4443, 34.7063, 11.3521
YIQ	156.9450, 71.7540, -0.8380

# Conversions

## Conversions Part 2

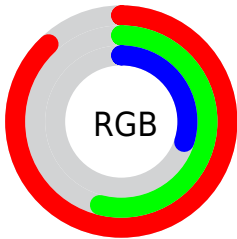
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 182, 76
Decimal	14781004
CIE Lab	65.52, 27.77, 46.42
CIE LCh	66, 54.094, 59.106
Yxy	34.7063, 0.4736, 0.3966
Android (android.graphics.Color)	4292971084 (0xFFE18A4C)
YUV	156.9450, -39.9059, 59.6842
Hunter-Lab	58.9121, 22.4777, 29.8135

# Details

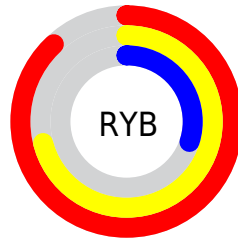
The Hex color **E18A4C** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4CA3E1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC07F**, and **A5571B** is the 20% darker color. If you saturate the color by 10%, you get **E17D36**, and if you desaturate by 10%, it is **E19763**.

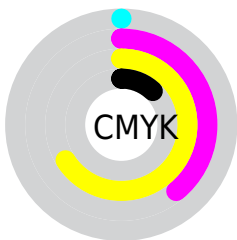
# Distribution



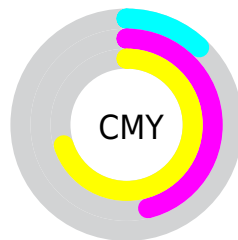
- Red (88%)
- Green (54%)
- Blue (30%)



- Red (88%)
- Yellow (71%)
- Blue (30%)



- Cyan (0%)
- Magenta (39%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (46%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E18A4C 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 E18A4C by changing the saturation by 10% instead.



 E18A4C

 E18A4C

FFFFFF

 C37033

 FFC07F

 A5571B

 FFDC99

 883F00

 FFF9B5

 6B2800

 FFFFD1

 4E1000

 FFFFED

 340000

 130000

 000000

 E18A4C

 E18A4C

 E17D36

 E19763

 E1701F

 E1A479

 E16309

 E1B190

 E15E00

 E1BFA6

 E1CCBD

 E1D9D3

 E1E6EA

 E1F3FF

 E1FFFF

# Harmonies

## Analogous

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



F77973



E18A4C



BB9C39

# Triad

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



E18A4C



00B79C



9F93F4

# Complementary

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



E18A4C



4CA3E1

# 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.



2EA5FF



E18A4C



00B6CD

# Square

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



E18A4C



4AB36B



00B1F2



D980D2

# Rectangle

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



E18A4C



9CA63E



00B1F2



8399FB



# Sweetspot

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



E18A4C



FFE1CC



E14CA5



806E61



000000



808080



# Same Dimension

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



E18A4C



FF8936



E1D24C



706A65



B04900



301400



# Inverse Universe

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



4CA3E1



36ABFF



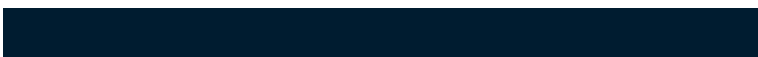
4C5BE1



656C70



0067B0



001C30



# Previews

## White Background



This preview shows how the Hex color E18A4C looks on a white background.

## Color Contrast Check

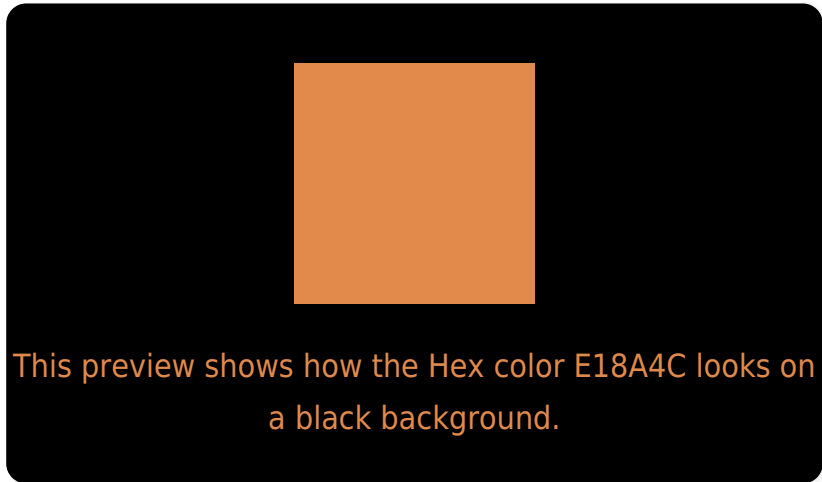
Large Text (above 18pt) WCAG AA × Fail

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 E18A4C Background



This preview shows how black text looks on a background with the Hex color E18A4C.

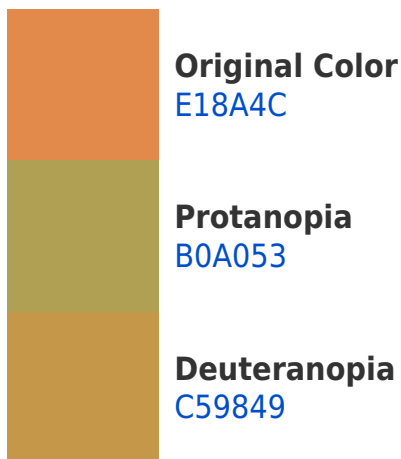



This preview shows how white text looks on a background with the Hex color E18A4C.

# 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](#).

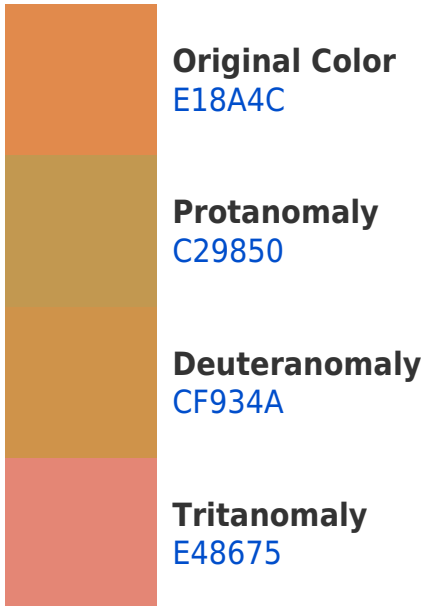
## Dichromacy





**Tritanopia**  
E5838C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E18A4C 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 #E18A4C looks like.

```
.text, #text, p{  
    color:#E18A4C  
}
```

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 #E18A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E18A4C
}
```

## Border

The CSS property to change the border of an element to Hex E18A4C 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
#E18A4C }
```

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

```
.border{ border-color:#E18A4C }
```

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

Here you see how a box with a 4 pixel #E18A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E18A4C; -webkit-box-shadow:4px 4px  
4px 4px #E18A4C; box-shadow:4px 4px 4px  
4px #E18A4C }
```

# Background

The CSS property to change the background color of an element to Hex E18A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E18A4C }
```

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

```
.background{ background-color:#E18A4C }
```

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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