

# Converting Colors

Hex(E48626)

Have a look what the booklet for  
Hex(E48626) contains.

<b>Hex(E48626)</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(E48626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E48626
RGB	228, 134, 38
RGB Percent	89%, 53%, 15%
CMY	0.1059, 0.4745, 0.8510
CMYK	0.00, 0.41, 0.83, 0.11
HSL	30°, 78%, 52%
HSV	30°, 83%, 89%
XYZ	40.8699, 33.6841, 6.1813
YIQ	151.1620, 86.8400, -9.9280

# Conversions

## Conversions Part 2

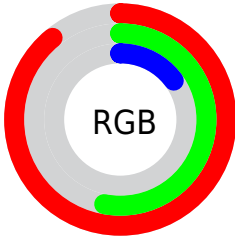
Format	Color
R <sub>Y</sub> B	224, 228, 38
Decimal	14976550
CIE Lab	64.71, 29.50, 62.29
CIE LCh	65, 68.922, 64.659
Yxy	33.6841, 0.5062, 0.4172
Android (android.graphics.Color)	4293166630 (0xFFE48626)
YUV	151.1620, -55.7889, 67.3869
Hunter-Lab	58.0380, 24.1316, 34.3119

# Details

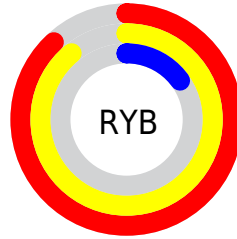
The Hex color **E48626** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2684E4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBC5C**, and **A65300** is the 20% darker color. If you saturate the color by 10%, you get **E47B0F**, and if you desaturate by 10%, it is **E4913D**.

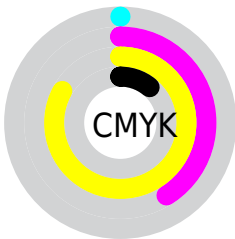
# Distribution



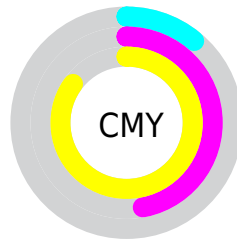
- Red (89%)
- Green (53%)
- Blue (15%)



- Red (88%)
- Yellow (89%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (83%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E48626 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 E48626 by changing the saturation by 10% instead.



 E48626

 E48626

FFFFFF

 C56C00

 FFBC5C

 A65300

 FFD877

 883B00

 FFF492

 6B2400

 FFFFAD

 4E0C00

 FFFFC A

 330000

 FFFF E6

 100000

 000000

 E48626

 E48626

 E47B0F

 E4913D

 E47300

 E49D54

 E4A86A

 E4B381

 E4BE98

 E4CAAF

 E4D5C6

 E4E0DC

 E4ECF3

# Harmonies

## Analogous

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



FF6C5A



E48626



B29D00

# Triad

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



E48626



00BAA5



AA88FF

# Complementary

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



E48626



2684E4

# 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.



00A1FF



E48626



00B8E2

# Square

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



E48626



00B665



00B1FF



EE6CD3

# Rectangle

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



E48626



8AA919



00B1FF



8791FF

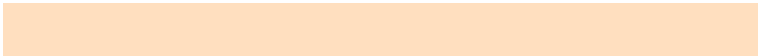


# Sweetspot

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



E48626



FFDFBF



E42685



806D59



000000



808080



# Same Dimension

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



E48626



FF8100



E4E426



736D67



B35A00



331A00



# Inverse Universe

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



2684E4



007EFF



2626E4



676D73



0058B3



001933



# Previews

## White Background



This preview shows how the Hex color E48626 looks on a white background.

## Color Contrast Check

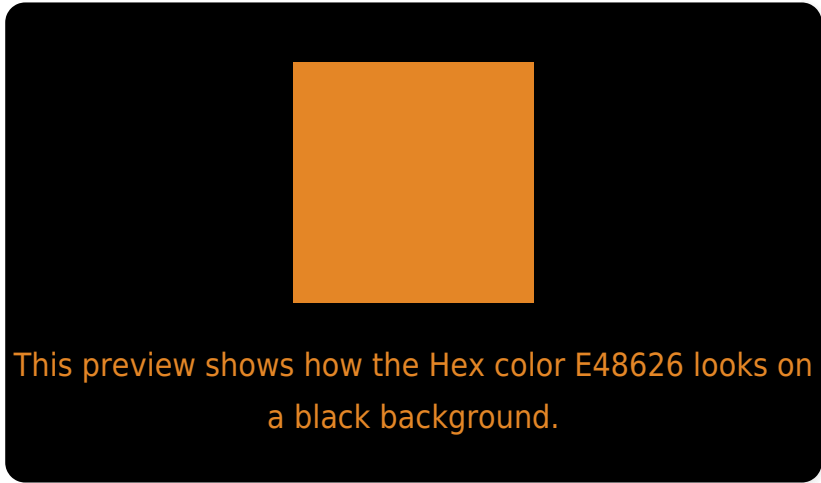
Large Text (above 18pt) WCAG AA × Fail

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 E48626 Background



This preview shows how black text looks on a background with the Hex color E48626.



This preview shows how white text looks on a background with the Hex color E48626.

# 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**  
E48626

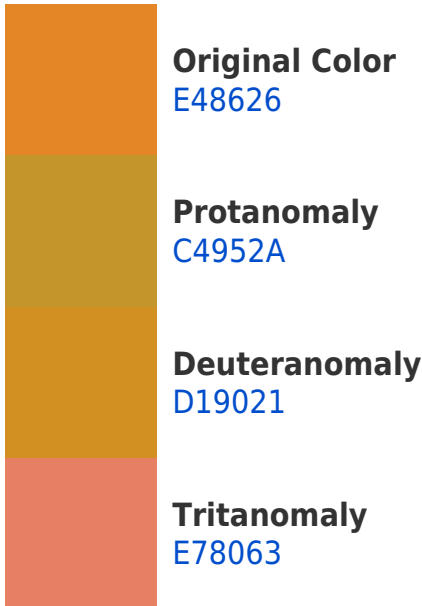
**Protanopia**  
B19E2C

**Deuteranopia**  
C6951E



**Tritanopia**  
E97D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E48626 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 #E48626 looks like.

```
.text, #text, p{  
    color:#E48626  
}
```

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 #E48626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48626
}
```

## Border

The CSS property to change the border of an element to Hex E48626 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
#E48626 }
```

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

```
.border{ border-color:#E48626 }
```

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

Here you see how a box with a 4 pixel #E48626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48626; -webkit-box-shadow:4px 4px  
4px 4px #E48626; box-shadow:4px 4px 4px  
4px #E48626 }
```

# Background

The CSS property to change the background color of an element to Hex E48626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48626 }
```

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

```
.background{ background-color:#E48626 }
```

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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