

# Converting Colors

Hex(E37E4B)

Have a look what the booklet for  
Hex(E37E4B) contains.

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# Color

Hex(E37E4B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E37E4B
RGB	227, 126, 75
RGB Percent	89%, 49%, 29%
CMY	0.1098, 0.5059, 0.7059
CMYK	0.00, 0.44, 0.67, 0.11
HSL	20°, 73%, 59%
HSV	20°, 67%, 89%
XYZ	40.4094, 31.7606, 10.6572
YIQ	150.3850, 76.5670, 5.5510

# Conversions

## Conversions Part 2

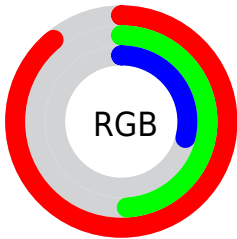
Format	Color
<a href="#">RYB</a>	<a href="#">227, 152, 75</a>
Decimal	<a href="#">14909003</a>
CIELab	<a href="#">63.14, 34.83, 44.29</a>
CIElCh	<a href="#">63, 56.340, 51.817</a>
Yxy	<a href="#">31.7606, 0.4879, 0.3835</a>
Android (android.graphics.Color)	<a href="#">4293099083</a> ( <a href="#">0xFFE37E4B</a> )
YUV	<a href="#">150.3850, -37.1648, 67.1914</a>
Hunter-Lab	<a href="#">56.3565, 29.3661, 28.2376</a>

# Details

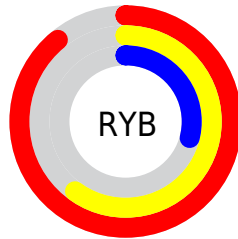
The Hex color **E37E4B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4BB0E3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB47D**, and **A64B1B** is the 20% darker color. If you saturate the color by 10%, you get **E36F34**, and if you desaturate by 10%, it is **E38D62**.

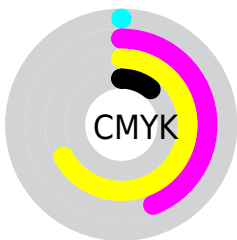
# Distribution



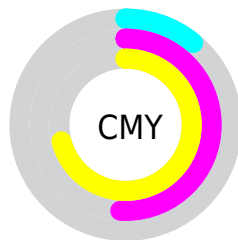
- Red (89%)
- Green (49%)
- Blue (29%)



- Red (89%)
- Yellow (60%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37E4B 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 E37E4B by changing the saturation by 10% instead.



 E37E4B

 E37E4B

FFFFFF

 C46433

 FFB47D

 A64B1B

 FFD098

 893201

 FFECB3

 6C1900

 FFFF00

 4F0000

 FFFF00

 340000

 0D0000

 000000

 E37E4B

 E37E4B

 E36F34

 E38D62

 E3601E

 E39C78

 E35107

 E3AB8F

 E34C00

 E3BAA6

 E3C9BD

 E3D9D3

 E3E8EA

 E3F7FF

 E3FFFF

# Harmonies

## Analogous

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



F46E76



E37E4B



C0912F

# Triad

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



E37E4B



00B089



8291F6

# Complementary

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



E37E4B



4BB0E3

# 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.



00A2FC



E37E4B



00B1BD

# Square

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



E37E4B



52AB58



00ADE7



C97CD7

# Rectangle

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



E37E4B



A19D2E



00ADE7



5F98FB

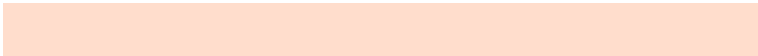


# Sweetspot

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



E37E4B



FFDDCC



E34BB0



806B61



000000



808080



# Same Dimension

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



E37E4B



FF7733



E3CA4B



736B67



B33C00



331100



# Inverse Universe

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



4BB0E3



33BBFF



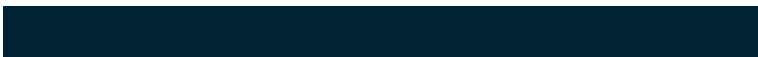
4B64E3



676F73



0077B3



002233



# Previews

## White Background



This preview shows how the Hex color E37E4B looks on a white background.

## Color Contrast Check

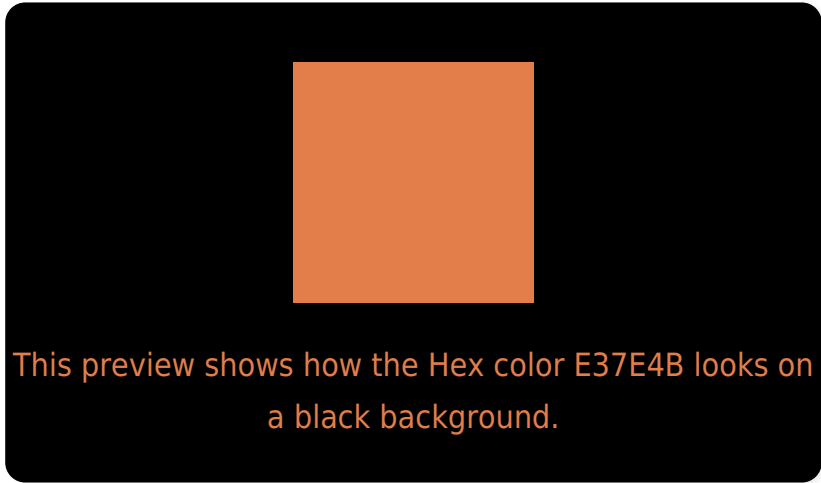
Large Text (above 18pt) WCAG AA × Fail

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 E37E4B Background



This preview shows how black text looks on a background with the Hex color E37E4B.



This preview shows how white text looks on a background with the Hex color E37E4B.

# 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](#).

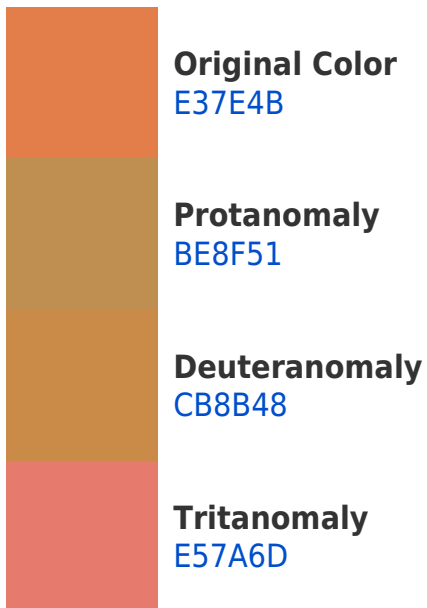
## Dichromacy



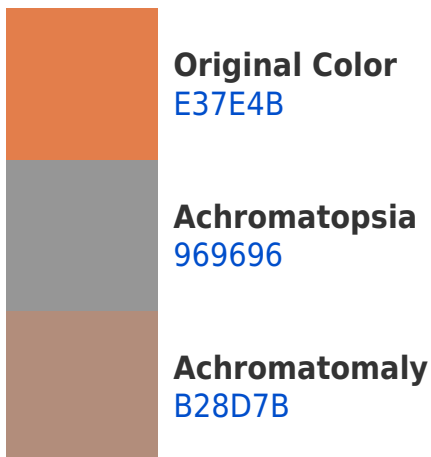


**Tritanopia**  
E67880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37E4B 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 #E37E4B looks like.

```
.text, #text, p{  
    color:#E37E4B  
}
```

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 #E37E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37E4B
}
```

## Border

The CSS property to change the border of an element to Hex E37E4B 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
#E37E4B }
```

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

```
.border{ border-color:#E37E4B }
```

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

Here you see how a box with a 4 pixel #E37E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37E4B; -webkit-box-shadow:4px 4px  
4px 4px #E37E4B; box-shadow:4px 4px 4px  
4px #E37E4B }
```

# Background

The CSS property to change the background color of an element to Hex E37E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37E4B }
```

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

```
.background{ background-color:#E37E4B }
```

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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