

# Converting Colors

Hex(E37555)

Have a look what the booklet for  
Hex(E37555) contains.

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**Color**

**Hex(E37555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E37555
RGB	227, 117, 85
RGB Percent	89%, 46%, 33%
CMY	0.1098, 0.5412, 0.6667
CMYK	0.00, 0.48, 0.63, 0.11
HSL	14°, 72%, 61%
HSV	14°, 63%, 89%
XYZ	39.6795, 29.7094, 12.2375
YIQ	146.2420, 75.8320, 13.3680

# Conversions

## Conversions Part 2

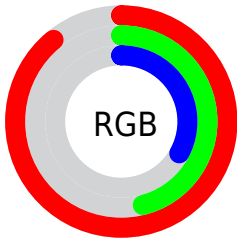
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 126, 85
Decimal	14906709
CIE <sub>Lab</sub>	61.40, 40.06, 36.94
CIE <sub>LCh</sub>	61, 54.488, 42.677
Yxy	29.7094, 0.4861, 0.3640
Android (android.graphics.Color)	4293096789 (0xFFE37555)
YUV	146.2420, -30.1923, 70.8248
Hunter-Lab	54.5063, 34.5586, 24.8429

# Details

The Hex color **E37555** 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 **55C3E3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAB87**, and **A64126** is the 20% darker color. If you saturate the color by 10%, you get **E3633E**, and if you desaturate by 10%, it is **E3876C**.

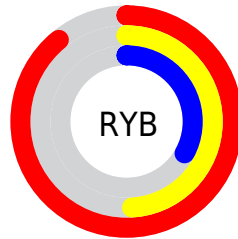
# Distribution



Red (89%)

Green (46%)

Blue (33%)



Red (89%)

Yellow (49%)

Blue (33%)

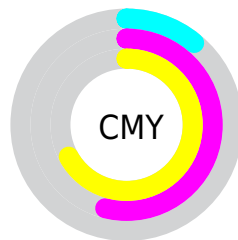


Cyan (0%)

Magenta (48%)

Yellow (63%)

Black (11%)



Cyan (11%)

Magenta (54%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37555 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 E37555 by changing the saturation by 10% instead.



 E37555

 E37555

FFFFFF

 C45B3D

 FFAB87

 A64126

 FFC7A2

 892810

 FFE3BD

 6C0900

 FFFFD9

 4F0000

 FFFFF6

 350001

 080000

 000000

 E37555

 E37555

 E3633E

 E3876C

 E35228

 E39882

 E34011

 E3AA99

 E33300

 E3BBB0

 E3CDC6

 E3DFDD

 E3F0F4

 E3FFFF

# Harmonies

## Analogous

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



ED6982



E37555



C68835

# Triad

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



E37555



00AA76



6193F2

# Complementary

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



E37555



55C3E3

# 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.



00A1F0



E37555



00ACA8

# Square

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



E37555



66A44A



00A9D4



B27FDC

# Rectangle

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



E37555



AA932D



00A9D4



3098F5



# Sweetspot

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



E37555



FFD9CF



E355C4



806962



000000



808080



# Same Dimension

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



E37555



FF6B40



E3BB55



736A67



B32800



330B00



# Inverse Universe

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



55C3E3



40D4FF



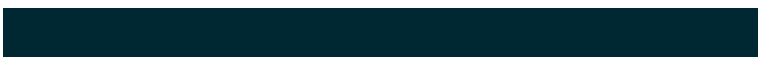
557DE3



677073



008AB3



002833



# Previews

## White Background



This preview shows how the Hex color E37555 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E37555 Background



This preview shows how black text looks on a background with the Hex color E37555.



This preview shows how white text looks on a background with the Hex color E37555.

# 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





# Trichromacy



**Original Color**  
E37555

**Protanomaly**  
BA895D

**Deuteranomaly**  
C68552

**Tritanomaly**  
E4726B

# Monochromacy



**Original Color**  
E37555

**Achromatopsia**  
929292

**Achromatomaly**  
AF877C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37555 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 #E37555 looks like.

```
.text, #text, p{  
    color:#E37555  
}
```

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 #E37555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37555
}
```

## Border

The CSS property to change the border of an element to Hex E37555 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
#E37555 }
```

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

```
.border{ border-color:#E37555 }
```

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

Here you see how a box with a 4 pixel #E37555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37555; -webkit-box-shadow:4px 4px  
4px 4px #E37555; box-shadow:4px 4px 4px  
4px #E37555 }
```

# Background

The CSS property to change the background color of an element to Hex E37555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37555 }
```

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

```
.background{ background-color:#E37555 }
```

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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