

# Converting Colors

Hex(E37136)

Have a look what the booklet for  
Hex(E37136) contains.

<b>Hex(E37136)</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(E37136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E37136
RGB	227, 113, 54
RGB Percent	89%, 44%, 21%
CMY	0.1098, 0.5569, 0.7882
CMYK	0.00, 0.50, 0.76, 0.11
HSL	20°, 76%, 55%
HSV	20°, 76%, 89%
XYZ	38.2495, 28.4075, 6.9572
YIQ	140.3600, 86.8830, 5.8190

# Conversions

## Conversions Part 2

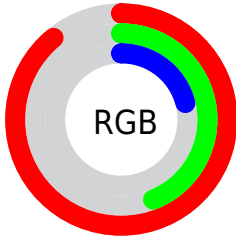
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 144, 54
Decimal	14905654
CIE Lab	60.26, 40.46, 51.52
CIE LCh	60, 65.507, 51.854
Yxy	28.4075, 0.5196, 0.3859
Android (android.graphics.Color)	4293095734 (0xFFE37136)
YUV	140.3600, -42.5755, 75.9833
Hunter-Lab	53.2987, 34.8270, 29.5698

# Details

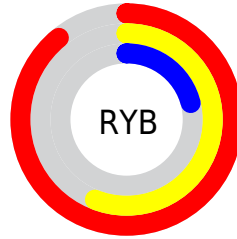
The Hex color **E37136** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **36A8E3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA768**, and **A53E00** is the 20% darker color. If you saturate the color by 10%, you get **E3621F**, and if you desaturate by 10%, it is **E3804D**.

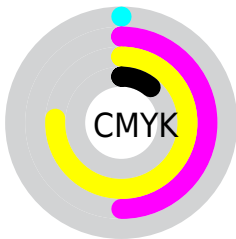
# Distribution



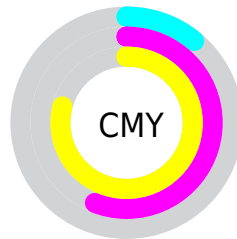
- Red (89%)
- Green (44%)
- Blue (21%)



- Red (89%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37136 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 E37136 by changing the saturation by 10% instead.



 E37136

 E37136

FFFFFF

 C4571D

 FFA768

 A53E00

 FFC282

 872400

 FFDF9D

 690400

 FFFCB8

 4C0000

 FFFFD4

 330002

 FFFFF1

 000000

 E37136

 E37136

 E3621F

 E3804D

 E35309

 E38F63

 E34D00

 E39E7A

 E3AD91

 E3BCA8

 E3CBBE

 E3DAD5

 E3E9EC

 E3F8FF

# Harmonies

## Analogous

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



F85B6A



E37136



BB8903

# Triad

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



E37136



00AB7F



7189FD

# Complementary

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



E37136



36A8E3

# 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.



009DFF



E37136



00ACBB

# Square

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



E37136



36A645



00A8EB



C76ED9

# Rectangle

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



E37136



989600



00A8EB



3A90FF

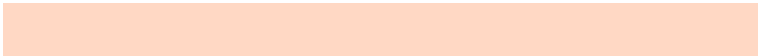


# Sweetspot

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



E37136



FFD8C4



E336A9



80685C



000000



808080



# Same Dimension

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



E37136



FF6617



E3C636



736B67



B33D00



331100



# Inverse Universe

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



36A8E3



17B0FF



3653E3



676F73



0076B3



002233



# Previews

## White Background



This preview shows how the Hex color E37136 looks on a white background.

## Color Contrast Check

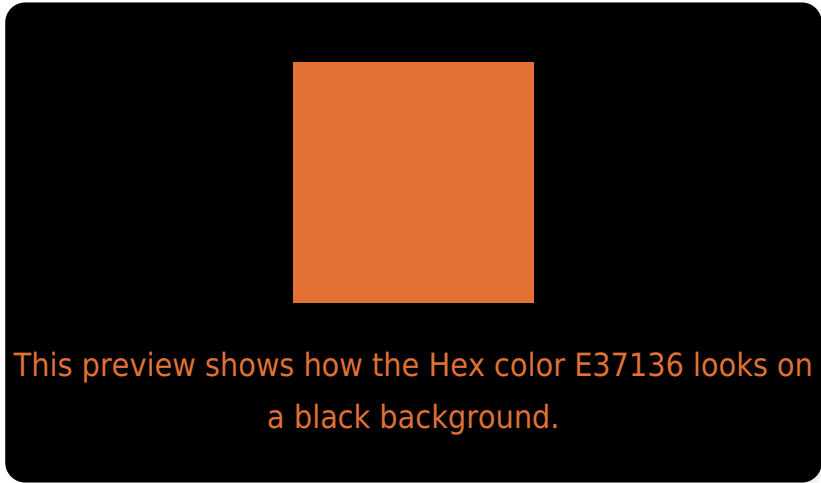
Large Text (above 18pt) WCAG AA ✓ Pass

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 E37136 Background



This preview shows how black text looks on a background with the Hex color E37136.



This preview shows how white text looks on a background with the Hex color E37136.

# 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**  
E37136

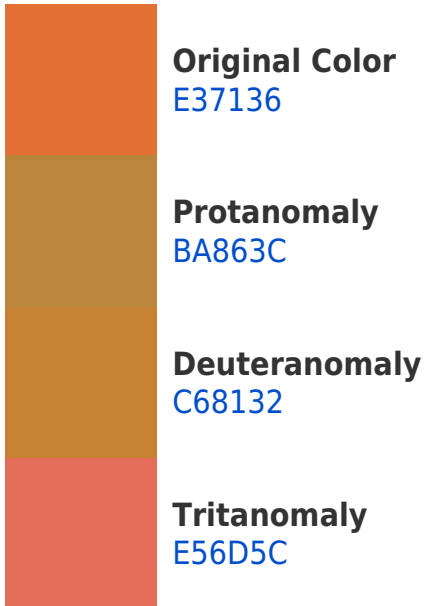
**Protanopia**  
A2923F

**Deuteranopia**  
B68A2F



**Tritanopia**  
E66A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37136 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 #E37136 looks like.

```
.text, #text, p{  
    color:#E37136  
}
```

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 #E37136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37136
}
```

## Border

The CSS property to change the border of an element to Hex E37136 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
#E37136 }
```

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

```
.border{ border-color:#E37136 }
```

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

Here you see how a box with a 4 pixel #E37136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37136; -webkit-box-shadow:4px 4px  
4px 4px #E37136; box-shadow:4px 4px 4px  
4px #E37136 }
```

# Background

The CSS property to change the background color of an element to Hex E37136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37136 }
```

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

```
.background{ background-color:#E37136 }
```

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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