

# Converting Colors

Decimal(14837010)

Have a look what the booklet for  
Decimal(14837010) contains.

<b>Decimal(14837010)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(14837010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E26512
RGB	226, 101, 18
RGB Percent	89%, 40%, 7%
CMY	0.1137, 0.6039, 0.9294
CMYK	0.00, 0.55, 0.92, 0.11
HSL	24°, 85%, 48%
HSV	24°, 92%, 89%
XYZ	36.1269, 25.5198, 3.5940
YIQ	128.9130, 101.1430, 0.6870

# Conversions

## Conversions Part 2

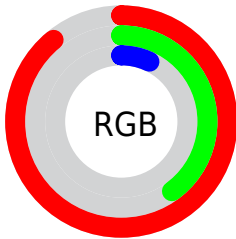
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 156, 18
Decimal	14837010
CIE <sub>Lab</sub>	57.58, 45.04, 62.70
CIE <sub>LCh</sub>	58, 77.203, 54.310
Yxy	25.5198, 0.5537, 0.3912
Android (android.graphics.Color)	4293027090 (0xFFE26512)
YUV	128.9130, -54.6801, 85.1453
Hunter-Lab	50.5171, 39.2479, 31.1439

# Details

The Decimal color **14837010** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1216482**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16751434**, and **10694656** is the 20% darker color. If you saturate the color by 10%, you get **14834176**, and if you desaturate by 10%, it is **14840617**.

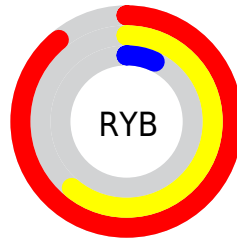
# Distribution



Red (89%)

Green (40%)

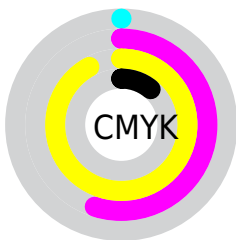
Blue (7%)



Red (89%)

Yellow (61%)

Blue (7%)

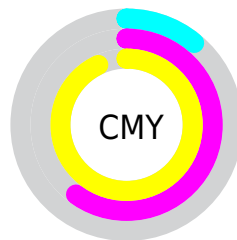


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (60%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14837010 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 Decimal color 14837010 by changing the saturation by 10% instead.



 14837010	 14837010
16777215	 12733184
 16751434	 10694656
 16758373	 8655616
 16765823	 6619136
 16773018	 4718592
 16777142	 3014658
 16777170	 0
 16777199	
 14837010	 14837010

■ 14834176

■ 14840617

■ 14843967

■ 14847574

■ 14850924

■ 14854531

■ 14857882

■ 14861488

■ 14865095

■ 14868445

# Harmonies

## Analogous

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



16597591



14837010



11698944

# Triad

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



14837010



42875



6717183

# Complementary

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



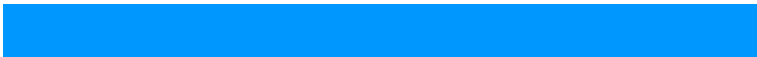
14837010



1216482

# 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.



38911



14837010



43200

# Square

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



14837010



41523



42232



13458394

# Rectangle

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



14837010



9015552



42232



35071



# Sweetspot

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



14837010



16766136



14815890



8414548



0



8421504



# Same Dimension

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



14837010



16737792



14862866



7367013



11552256



3150592



# Inverse Universe

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



1216482



39423



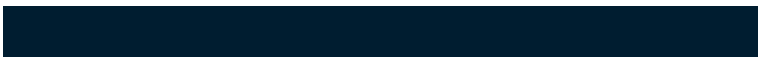
1190626



6646896



27312



7472



# Previews

## White Background



This preview shows how the Decimal color 14837010 looks on a white background.

## Color Contrast Check

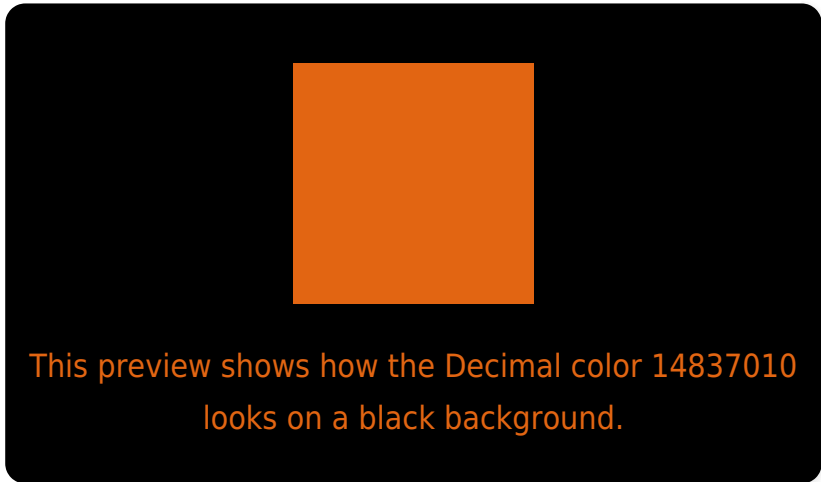
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 14837010 Background



This preview shows how black text looks on a background with the Decimal color 14837010.



This preview shows how white text looks on a background with the Decimal color 14837010.

# 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**  
14837010

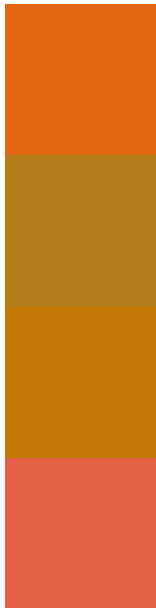
**Protanopia**  
10259229

**Deuteranopia**  
11502592



**Tritanopia**  
15031908

# Trichromacy



**Original Color**  
14837010

**Protanomaly**  
11894041

**Deuteranomaly**  
12744967

**Tritanomaly**  
14967110

# Monochromacy



**Original Color**  
14837010

**Achromatopsia**  
8487297

**Achromatomaly**  
10778457

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14837010 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 #E26512 looks like.

```
.text, #text, p{  
    color:#E26512  
}
```

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 #E26512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E26512
}
```

## Border

The CSS property to change the border of an element to Decimal 14837010 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
#E26512 }
```

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

```
.border{ border-color:#E26512 }
```

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

Here you see how a box with a 4 pixel #E26512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E26512; -webkit-box-shadow:4px 4px  
4px 4px #E26512; box-shadow:4px 4px 4px  
4px #E26512 }
```

# Background

The CSS property to change the background color of an element to Decimal 14837010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E26512 }
```

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

```
.background{ background-color:#E26512 }
```

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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