

# Converting Colors

Decimal(15038517)

Have a look what the booklet for  
Decimal(15038517) contains.

<b>Decimal(15038517)</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(15038517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E57835
RGB	229, 120, 53
RGB Percent	90%, 47%, 21%
CMY	0.1020, 0.5294, 0.7922
CMYK	0.00, 0.48, 0.77, 0.10
HSL	23°, 77%, 55%
HSV	23°, 77%, 90%
XYZ	39.6722, 30.3480, 7.1350
YIQ	144.9530, 86.4710, 2.2710

# Conversions

## Conversions Part 2

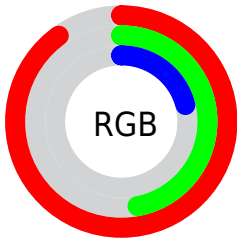
Format	Color
R <sub>Y</sub> B	229, 161, 53
Decimal	15038517
CIE Lab	61.95, 37.66, 53.77
CIE LCh	62, 65.648, 54.992
Yxy	30.3480, 0.5142, 0.3933
Android (android.graphics.Color)	4293228597 (0xFFE57835)
YUV	144.9530, -45.3328, 73.7092
Hunter-Lab	55.0890, 32.1404, 30.8833

# Details

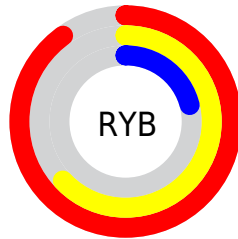
The Decimal color **15038517** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3515109**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16756328**, and **10962176** is the 20% darker color. If you saturate the color by 10%, you get **15034910**, and if you desaturate by 10%, it is **15042124**.

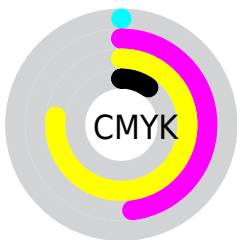
# Distribution



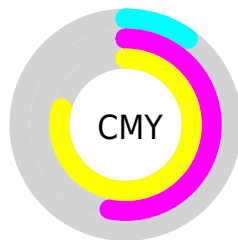
- Red (90%)
- Green (47%)
- Blue (21%)



- Red (90%)
- Yellow (63%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (77%)
- Black (10%)





















- Cyan (10%)
- Magenta (53%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15038517 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 15038517 by changing the saturation by 10% instead.



 15038517	 15038517
16777215	 13000219
 16756328	 10962176
 16763522	 8989696
 16770717	 7016704
 16777144	 5111808
 16777172	 3407873
 16777201	 524288
	 0
 15038517	 15038517

15034910

15042124

15031303

15045731

15030016

15049594

15053201

15056808

15060414

15064021

15067628

15071487

# Harmonies

## Analogous

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



16540008



15038517



12292103

# Triad

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



15038517



45194



8555263

# Complementary

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



15038517



3515109

# 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.



40959



15038517



45509

# Square

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



15038517



2992975



44276



13791449

# Rectangle

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



15038517



9935883



44276



5608191



# Sweetspot

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



15038517



16767940



15021476



8415580



0



8421504



# Same Dimension

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



15038517



16739860



15060533



7564391



11748352



3347200



# Inverse Universe

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



3515109



1353471



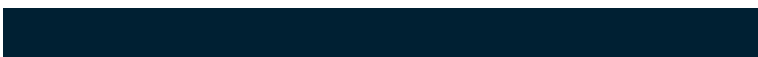
3493093



6778483



28595



8243



# Previews

## White Background



This preview shows how the Decimal color 15038517 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



This preview shows how the Decimal color 15038517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

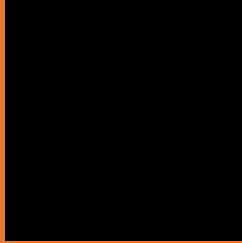
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15038517 Background



This preview shows how black text looks on a background with the Decimal color 15038517.




This preview shows how white text looks on a background with the Decimal color 15038517.

# 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](#).

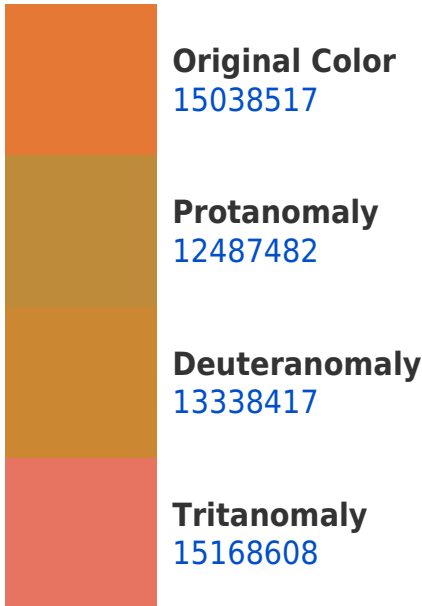
## Dichromacy





**Tritanopia**  
15233401

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15038517 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 #E57835 looks like.

```
.text, #text, p{  
    color:#E57835  
}
```

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 #E57835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57835
}
```

## Border

The CSS property to change the border of an element to Decimal 15038517 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
#E57835 }
```

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

```
.border{ border-color:#E57835 }
```

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

Here you see how a box with a 4 pixel #E57835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57835; -webkit-box-shadow:4px 4px  
4px 4px #E57835; box-shadow:4px 4px 4px  
4px #E57835 }
```

# Background

The CSS property to change the background color of an element to Decimal 15038517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57835 }
```

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

```
.background{ background-color:#E57835 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor