

# Converting Colors

Decimal(15043167)

Have a look what the booklet for  
Decimal(15043167) contains.

<b>Decimal(15043167)</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(15043167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E58A5F
RGB	229, 138, 95
RGB Percent	90%, 54%, 37%
CMY	0.1020, 0.4588, 0.6275
CMYK	0.00, 0.40, 0.59, 0.10
HSL	19°, 72%, 64%
HSV	19°, 59%, 90%
XYZ	43.4671, 35.6612, 15.4188
YIQ	160.3070, 68.0390, 5.9190

# Conversions

## Conversions Part 2

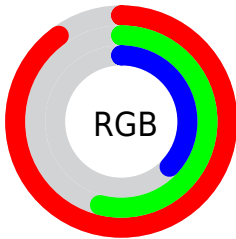
Format	Color
R <sub>Y</sub> B	229, 158, 95
Decimal	15043167
CIE Lab	66.26, 30.65, 37.58
CIE LCh	66, 48.497, 50.799
Yxy	35.6612, 0.4597, 0.3772
Android (android.graphics.Color)	4293233247 (0xFFE58A5F)
YUV	160.3070, -32.1964, 60.2438
Hunter-Lab	59.7170, 25.4228, 26.4933

# Details

The Decimal color **15043167** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **6273765**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16760978**, and **11097903** is the 20% darker color. If you saturate the color by 10%, you get **15039048**, and if you desaturate by 10%, it is **15047286**.

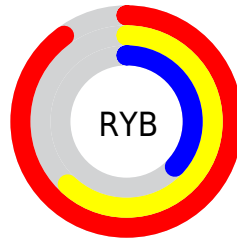
# Distribution



Red (90%)

Green (54%)

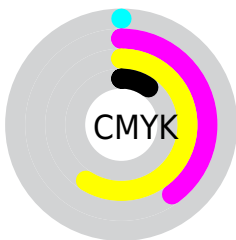
Blue (37%)



Red (90%)

Yellow (62%)

Blue (37%)

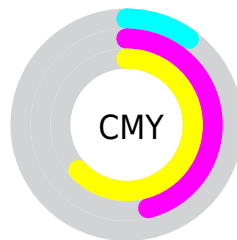


Cyan (0%)

Magenta (40%)

Yellow (59%)

Black (10%)



Cyan (10%)

Magenta (46%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15043167 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 15043167 by changing the saturation by 10% instead.



 15043167

 15043167

16777215

 13070407

 16760978

 11097903

 16768173

 9190936

 16775625

 7284480

 16777189

 5443072

 3670016

 1835009

 0

 15043167

 15043167

15039048

15047286

15035185

15051149

15031066

15055268

15027203

15059131

15026432

15063250

15067112

15071231

15073279

# Harmonies

## Analogous

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



15957637



15043167



13015625

# Triad

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



15043167



46738



9411571

# Complementary

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



15043167



6273765

# 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.



2337527



15043167



47039

# Square

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



15043167



6992232



46052



13273817

# Rectangle

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



15043167



11314248



46052



7643383

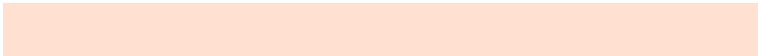


# Sweetspot

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



15043167



16769233



15032251



8416355



0



8421504



# Same Dimension

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



15043167



16746061



15060063



7564135



11745536



3346432



# Inverse Universe

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



6273765



5097215



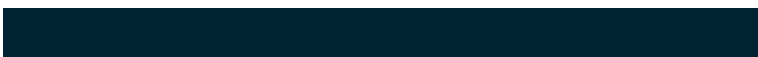
6256869



6778739



31155

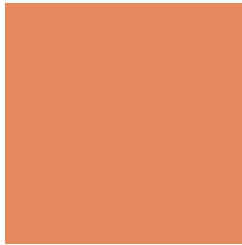


9011



# Previews

## White Background



This preview shows how the Decimal color 15043167 looks on a white background.

## Color Contrast Check

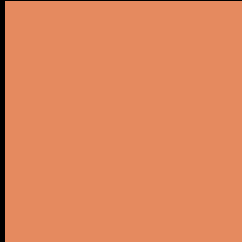
Large Text (above 18pt) WCAG AA × Fail

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 15043167 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 15043167 Background



This preview shows how black text looks on a background with the Decimal color 15043167.



This preview shows how white text looks on a background with the Decimal color 15043167.

# 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**  
15043167

**Protanopia**  
11575656

**Deuteranopia**  
12950108



**Tritanopia**  
15238286

# Trichromacy



**Original Color**  
15043167

**Protanomaly**  
12818789

**Deuteranomaly**  
13735005

**Tritanomaly**  
15173245

# Monochromacy



**Original Color**  
15043167

**Achromatopsia**  
10526880

**Achromatomaly**  
12163208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15043167 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 #E58A5F looks like.

```
.text, #text, p{  
    color:#E58A5F  
}
```

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 #E58A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58A5F
}
```

## Border

The CSS property to change the border of an element to Decimal 15043167 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
#E58A5F }
```

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

```
.border{ border-color:#E58A5F }
```

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

Here you see how a box with a 4 pixel #E58A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58A5F; -webkit-box-shadow:4px 4px  
4px 4px #E58A5F; box-shadow:4px 4px 4px  
4px #E58A5F }
```

# Background

The CSS property to change the background color of an element to Decimal 15043167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58A5F }
```

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

```
.background{ background-color:#E58A5F }
```

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