

# Converting Colors

Decimal(15699011)

Have a look what the booklet for  
Decimal(15699011) contains.

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# **Color**

**Decimal(15699011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF8C43
RGB	239, 140, 67
RGB Percent	94%, 55%, 26%
CMY	0.0627, 0.4510, 0.7373
CMYK	0.00, 0.41, 0.72, 0.06
HSL	25°, 84%, 60%
HSV	25°, 72%, 94%
XYZ	45.9878, 37.5121, 10.1269
YIQ	161.2790, 82.4370, -1.7150

# Conversions

## Conversions Part 2

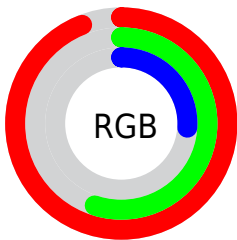
Format	Color
R <sub>YB</sub>	239, 194, 67
Decimal	15699011
CIE Lab	67.66, 31.93, 53.62
CIE LCh	68, 62.410, 59.231
Yxy	37.5121, 0.4912, 0.4007
Android (android.graphics.Color)	4293889091 (0xFFEF8C43)
YUV	161.2790, -46.4795, 68.1613
Hunter-Lab	61.2472, 26.8453, 33.0697

# Details

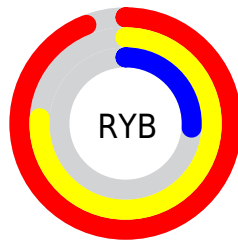
The Decimal color **15699011** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4433647**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16761462**, and **11622669** is the 20% darker color. If you saturate the color by 10%, you get **15695403**, and if you desaturate by 10%, it is **15702619**.

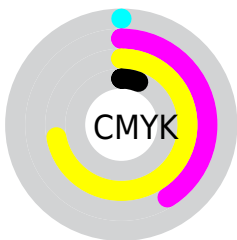
# Distribution



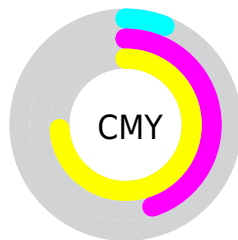
- Red (94%)
- Green (55%)
- Blue (26%)



- Red (94%)
- Yellow (76%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (72%)
- Black (6%)




















- Cyan (6%)
- Magenta (45%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15699011 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 15699011 by changing the saturation by 10% instead.



 15699011	 15699011
16777215	 13660714
 16761462	 11622669
 16768657	 9650176
 16776108	 7743488
 16777160	 5836544
 16777189	 3997696
	 2359297
	 0
 15699011	 15699011

15695403

15702619

15691795

15706227

15688960

15709579

15713187

15716794

15720402

15723754

15727359

15728639

# Harmonies

## Analogous

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



16742257



15699011



12886569

# Triad

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



15699011



49314



10721279

# Complementary

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



15699011



4433647

# 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.



44287



15699011



49114

# Square

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



15699011



3717992



47615



15237087

# Rectangle

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



15699011



10530096



47615



8494847



# Sweetspot

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



15699011



16768967



15680423



8416350



0



8421504



# Same Dimension

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



15699011



16744740



15720771



7893356



12078592



3676160



# Inverse Universe

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



4433647



2401023



4411887



7107448



27320



8248



# Previews

## White Background



This preview shows how the Decimal color 15699011 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 15699011 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 15699011 Background



This preview shows how black text looks on a background with the Decimal color 15699011.




This preview shows how white text looks on a background with the Decimal color 15699011.

# 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**  
15959181

# Trichromacy



**Original Color**  
15699011

**Protanomaly**  
13343816

**Deuteranomaly**  
14325568

**Tritanomaly**  
15894386

# Monochromacy



**Original Color**  
15699011

**Achromatopsia**  
10592673

**Achromatomaly**  
12425599

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15699011 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 #EF8C43 looks like.

```
.text, #text, p{  
    color:#EF8C43  
}
```

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 #EF8C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF8C43
}
```

## Border

The CSS property to change the border of an element to Decimal 15699011 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
#EF8C43 }
```

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

```
.border{ border-color:#EF8C43 }
```

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

Here you see how a box with a 4 pixel #EF8C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF8C43; -webkit-box-shadow:4px 4px  
4px 4px #EF8C43; box-shadow:4px 4px 4px  
4px #EF8C43 }
```

# Background

The CSS property to change the background color of an element to Decimal 15699011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF8C43 }
```

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

```
.background{ background-color:#EF8C43 }
```

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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