

# Converting Colors

Decimal(15306818)

Have a look what the booklet for  
Decimal(15306818) contains.

<b>Decimal(15306818)</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(15306818)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E99042
RGB	233, 144, 66
RGB Percent	91%, 56%, 26%
CMY	0.0863, 0.4353, 0.7412
CMYK	0.00, 0.38, 0.72, 0.09
HSL	28°, 79%, 59%
HSV	28°, 72%, 91%
XYZ	44.5609, 37.6635, 10.0754
YIQ	161.7190, 78.0820, -5.3900

# Conversions

## Conversions Part 2

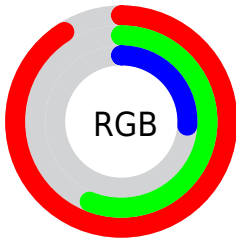
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 212, 66
Decimal	15306818
CIE <sub>Lab</sub>	67.77, 27.34, 53.97
CIE <sub>LCh</sub>	68, 60.502, 63.135
Yxy	37.6635, 0.4828, 0.4081
Android (android.graphics.Color)	4293496898 (0xFFE99042)
YUV	161.7190, -47.1895, 62.5134
Hunter-Lab	61.3706, 22.2095, 33.2256

# Details

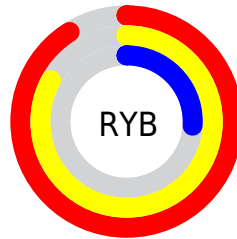
The Decimal color **15306818** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **4365289**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16762486**, and **11296010** is the 20% darker color. If you saturate the color by 10%, you get **15303723**, and if you desaturate by 10%, it is **15309913**.

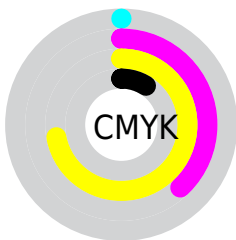
# Distribution



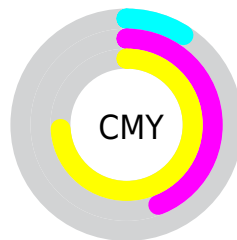
- Red (91%)
- Green (56%)
- Blue (26%)



- Red (91%)
- Yellow (83%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15306818 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 15306818 by changing the saturation by 10% instead.



 15306818

 15306818

16777215

 13268520


 16762486

 11296010

 16769680

 9323776

 16777131

 7417088

 16777159

 5510656

 16777188

 3735552

 2031617

 0

 15306818

 15306818

15303723

15309913

15300371

15313265

15297792

15316360

15319711

15322807

15326158

15329253

15332348

15335423

# Harmonies

## Analogous

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



16743532



15306818



12428335

# Triad

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



15306818



49321



11506943

# Complementary

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



15306818



4365289

# 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.



3189247



15306818



48863

# Square

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



15306818



2997361



47359



15498967

# Rectangle

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



15306818



10071864



47359



9542911

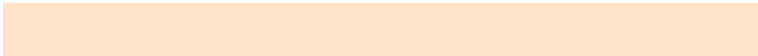


# Sweetspot

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



15306818



16769479



15286939



8416862



0



8421504



# Same Dimension

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



15306818



16747044



15328066



7696234



11883776



3545344



# Inverse Universe

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



4365289



2398719



4344041



6975605



24757



7478



# Previews

## White Background



This preview shows how the Decimal color 15306818 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 15306818 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

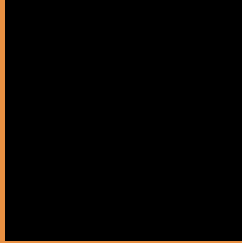
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15306818 Background



This preview shows how black text looks on a background with the Decimal color 15306818.



This preview shows how white text looks on a background with the Decimal color 15306818.

# 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**  
15306818

**Protanopia**  
12101192

**Deuteranopia**  
13540670



**Tritanopia**  
15632273

# Trichromacy



**Original Color**  
15306818

**Protanomaly**  
13278790

**Deuteranomaly**  
14194751

**Tritanomaly**  
15501940

# Monochromacy



**Original Color**  
15306818

**Achromatopsia**  
10658466

**Achromatomaly**  
12360575

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15306818 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 #E99042 looks like.

```
.text, #text, p{  
    color:#E99042  
}
```

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 #E99042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99042
}
```

## Border

The CSS property to change the border of an element to Decimal 15306818 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
#E99042 }
```

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

```
.border{ border-color:#E99042 }
```

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

Here you see how a box with a 4 pixel #E99042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99042; -webkit-box-shadow:4px 4px  
4px 4px #E99042; box-shadow:4px 4px 4px  
4px #E99042 }
```

# Background

The CSS property to change the background color of an element to Decimal 15306818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99042 }
```

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

```
.background{ background-color:#E99042 }
```

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