

# Converting Colors

Decimal(15498810)

Have a look what the booklet for  
Decimal(15498810) contains.

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# **Color**

**Decimal(15498810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC7E3A
RGB	236, 126, 58
RGB Percent	93%, 49%, 23%
CMY	0.0745, 0.5059, 0.7725
CMYK	0.00, 0.47, 0.75, 0.07
HSL	23°, 82%, 58%
HSV	23°, 75%, 93%
XYZ	42.8166, 33.0601, 8.1275
YIQ	151.1380, 87.3880, 2.1720

# Conversions

## Conversions Part 2

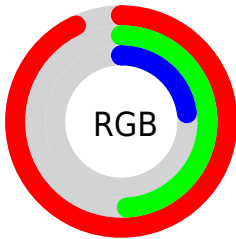
Format	Color
R <sub>Y</sub> B	236, 168, 58
Decimal	15498810
CIE Lab	64.21, 37.56, 54.08
CIE LCh	64, 65.846, 55.220
Yxy	33.0601, 0.5097, 0.3936
Android (android.graphics.Color)	4293688890 (0xFFEC7E3A)
YUV	151.1380, -45.9170, 74.4240
Hunter-Lab	57.4979, 32.3014, 31.8677

# Details

The Decimal color **15498810** 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 **3844332**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16757869**, and **11422465** is the 20% darker color. If you saturate the color by 10%, you get **15494946**, and if you desaturate by 10%, it is **15502674**.

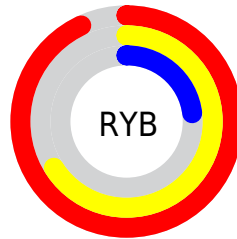
# Distribution



Red (93%)

Green (49%)

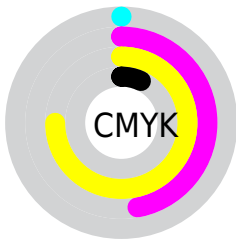
Blue (23%)



Red (93%)

Yellow (66%)

Blue (23%)

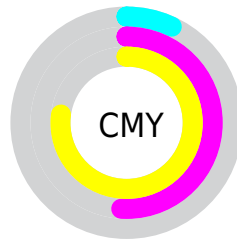


Cyan (0%)

Magenta (47%)

Yellow (75%)

Black (7%)



Cyan (7%)

Magenta (51%)




















Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15498810 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 15498810 by changing the saturation by 10% instead.



 15498810	 15498810
 16777215	 13460512
 16757869	 11422465
 16765063	 9449984
 16772514	 7477248
 16777150	 5505024
 16777178	 3735552
 16777207	 1638401
	 0
 15498810	 15498810

15494946

15502674

15491339

15506281

15489536

15510145

15513752

15517616

15521480

15525087

15528951

15532031

# Harmonies

## Analogous

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



16738413



15498810



12686866

# Triad

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



15498810



46992



9081087

# Complementary

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



15498810



3844332

# 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.



42495



15498810



47052

# Square

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



15498810



3387989



45820



14317280

# Rectangle

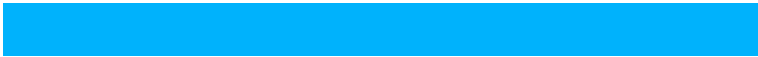
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15498810



10330645



45820



6199551



# Sweetspot

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



15498810



16767940



15481515



8415580



0



8421504



# Same Dimension

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



15498810



16740375



15520826



7695978



11879680



3544064

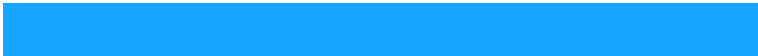


# Inverse Universe

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



3844332



1550079



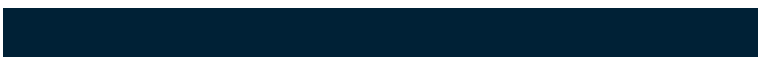
3822316



6975861



28853



8502



# Previews

## White Background



This preview shows how the Decimal color 15498810 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 15498810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

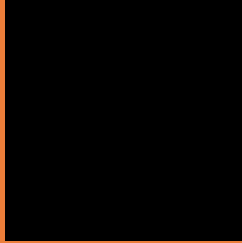
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15498810 Background



This preview shows how black text looks on a background with the Decimal color 15498810.



This preview shows how white text looks on a background with the Decimal color 15498810.

# 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**  
15498810

**Protanopia**  
11443267

**Deuteranopia**  
12817459



**Tritanopia**  
15693695

# Trichromacy



**Original Color**  
15498810

**Protanomaly**  
12947776

**Deuteranomaly**  
13798454

**Tritanomaly**  
15628902

# Monochromacy



**Original Color**  
15498810

**Achromatopsia**  
9934743

**Achromatomaly**  
11964021

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15498810 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 #EC7E3A looks like.

```
.text, #text, p{  
  color:#EC7E3A  
}
```

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 #EC7E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7E3A
}
```

## Border

The CSS property to change the border of an element to Decimal 15498810 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
#EC7E3A }
```

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

```
.border{ border-color:#EC7E3A }
```

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

Here you see how a box with a 4 pixel #EC7E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7E3A; -webkit-box-shadow:4px 4px  
4px 4px #EC7E3A; box-shadow:4px 4px 4px  
4px #EC7E3A }
```

# Background

The CSS property to change the background color of an element to Decimal 15498810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7E3A }
```

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

```
.background{ background-color:#EC7E3A }
```

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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