

# Converting Colors

Decimal(15172891)

Have a look what the booklet for  
Decimal(15172891) contains.

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# **Color**

**Decimal(15172891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7851B
RGB	231, 133, 27
RGB Percent	91%, 52%, 11%
CMY	0.0941, 0.4784, 0.8941
CMYK	0.00, 0.42, 0.88, 0.09
HSL	31°, 81%, 51%
HSV	31°, 88%, 91%
XYZ	41.5404, 33.8431, 5.3799
YIQ	150.2180, 92.4340, -12.1900

# Conversions

## Conversions Part 2

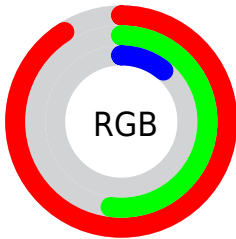
Format	Color
<b>RYB</b>	216, 231, 27
Decimal	15172891
CIELab	64.84, 31.00, 65.99
CIELCh	65, 72.907, 64.833
Yxy	33.8431, 0.5143, 0.4190
Android (android.graphics.Color)	4293362971 (0xFFE7851B)
YUV	150.2180, -60.7465, 70.8458
Hunter-Lab	58.1748, 25.6539, 35.2394

# Details

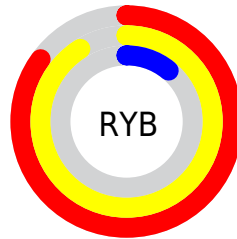
The Decimal color **15172891** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1801703**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16759636**, and **11096576** is the 20% darker color. If you saturate the color by 10%, you get **15170052**, and if you desaturate by 10%, it is **15175730**.

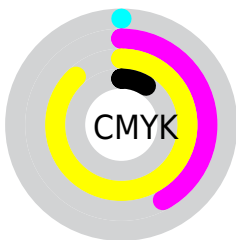
# Distribution



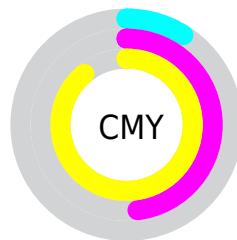
- Red (91%)
- Green (52%)
- Blue (11%)



- Red (85%)
- Yellow (91%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (88%)
- Black (9%)






















- Cyan (9%)
- Magenta (48%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15172891 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 15172891 by changing the saturation by 10% instead.



 15172891	 15172891
16777215	 13134592
 16759636	 11096576
 16766831	 9124352
 16774026	 7152384
 16777126	 5245184
 16777154	 3473408
 16777183	 1310720
 16777212	 0
 15172891	 15172891

15170052

15175730

15169536

15178569

15181408

15184247

15187086

15190182

15193021

15195860

15198699

# Harmonies

## Analogous

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



16738390



15172891



11705856

# Triad

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



15172891



48038



11241471

# Complementary

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



15172891



1801703

# 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.



41727



15172891



47846

# Square

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



15172891



46947



46079



15952086

# Rectangle

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



15172891



8890883



46079



8688127



# Sweetspot

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



15172891



16768957



15145854



8416600



0



8421504



# Same Dimension

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



15172891



16745728



15001371



7564647



11754752



3349248



# Inverse Universe

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



1801703



31743



1973223



6778227



22195



6451



# Previews

## White Background



This preview shows how the Decimal color 15172891 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 15172891 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 15172891 Background



This preview shows how black text looks on a background with the Decimal color 15172891.



This preview shows how white text looks on a background with the Decimal color 15172891.

# 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**  
15172891

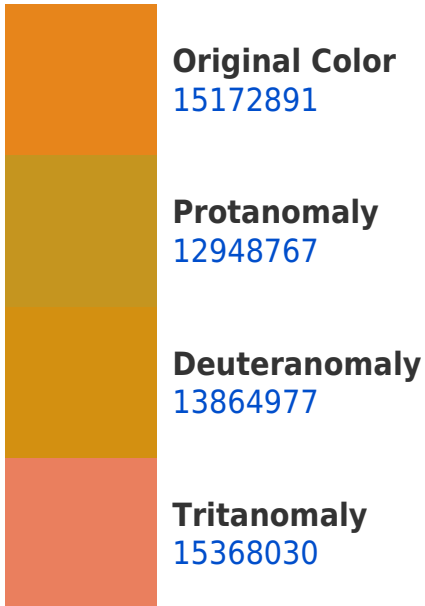
**Protanopia**  
11640354

**Deuteranopia**  
13080075



**Tritanopia**  
15498373

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15172891 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 #E7851B looks like.

```
.text, #text, p{  
    color:#E7851B  
}
```

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 #E7851B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7851B
}
```

## Border

The CSS property to change the border of an element to Decimal 15172891 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
#E7851B }
```

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

```
.border{ border-color:#E7851B }
```

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

Here you see how a box with a 4 pixel #E7851B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7851B; -webkit-box-shadow:4px 4px  
4px 4px #E7851B; box-shadow:4px 4px 4px  
4px #E7851B }
```

# Background

The CSS property to change the background color of an element to Decimal 15172891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7851B }
```

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

```
.background{ background-color:#E7851B }
```

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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