

# Converting Colors

Decimal(15375931)

Have a look what the booklet for  
Decimal(15375931) contains.

<b>Decimal(15375931)</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(15375931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA9E3B
RGB	234, 158, 59
RGB Percent	92%, 62%, 23%
CMY	0.0824, 0.3804, 0.7686
CMYK	0.00, 0.32, 0.75, 0.08
HSL	34°, 81%, 57%
HSV	34°, 75%, 92%
XYZ	46.9480, 42.2619, 9.8206
YIQ	169.4380, 77.0750, -14.6770

# Conversions

## Conversions Part 2

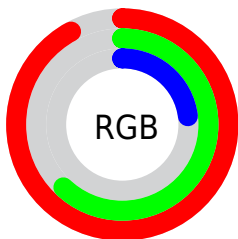
Format	Color
<a href="#">RYB</a>	<a href="#">193, 234, 59</a>
Decimal	<a href="#">15375931</a>
CIELab	<a href="#">71.05, 20.02, 60.40</a>
CIELCh	<a href="#">71, 63.628, 71.659</a>
Yxy	<a href="#">42.2619, 0.4741, 0.4268</a>
Android (android.graphics.Color)	<a href="#">4293566011</a> ( <a href="#">0xFFEA9E3B</a> )
YUV	<a href="#">169.4380, -54.4459, 56.6209</a>
Hunter-Lab	<a href="#">65.0092, 15.1421, 36.5498</a>

# Details

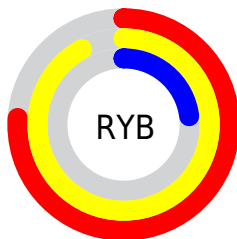
The Decimal color **15375931** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3901418**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16766320**, and **11365120** is the 20% darker color. If you saturate the color by 10%, you get **15373348**, and if you desaturate by 10%, it is **15378514**.

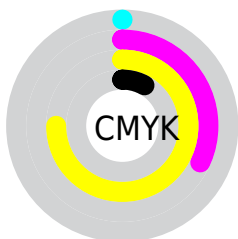
# Distribution



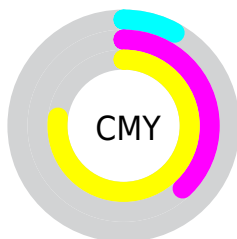
- Red (92%)
- Green (62%)
- Blue (23%)



- Red (76%)
- Yellow (92%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (75%)
- Black (8%)























- Cyan (8%)
- Magenta (38%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15375931 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 15375931 by changing the saturation by 10% instead.



 15375931	 15375931
 16777215	 13337631
 16766320	 11365120
 16773515	 9458176
 16777127	 7551744
 16777155	 5645568
 16777183	 3870720
 16777212	 2359296
 0	 0
 15375931	 15375931

15373348

15378514

15370764

15381098

15369216

15383681

15386521

15389104

15391687

15394271

15396854

15399423

# Harmonies

## Analogous

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



16746339



15375931



12104241

# Triad

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



15375931



51908



13538815

# Complementary

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



15375931



3901418

# 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.



6925823



15375931



51194

# Square

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



15375931



51335



48895



16744404

# Rectangle

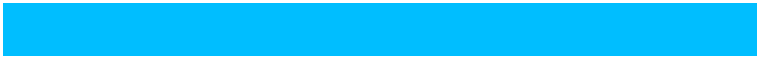
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15375931



9419844



48895



11771391



# Sweetspot

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



15375931



16771015



15350666



8417630



0



8421504



# Same Dimension

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



15375931



16751385



14805563



7696490



11888128



3546624



# Inverse Universe

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



3901418



1670655



4471786



6975349



20405



5942



# Previews

## White Background



This preview shows how the Decimal color 15375931 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 15375931 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 15375931 Background



This preview shows how black text looks on a background with the Decimal color 15375931.



This preview shows how white text looks on a background with the Decimal color 15375931.

# 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**  
15375931

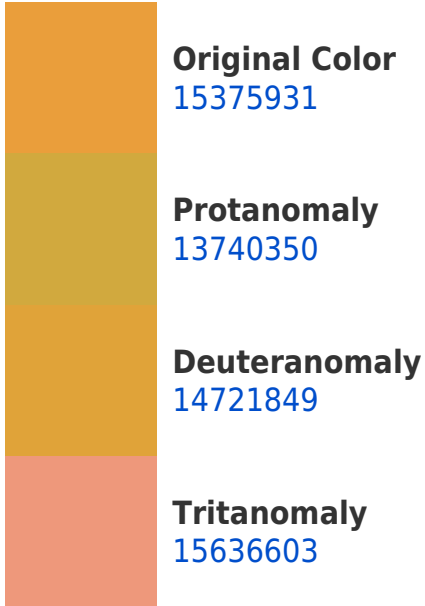
**Protanopia**  
12824384

**Deuteranopia**  
14329400



**Tritanopia**  
15766687

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15375931 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 #EA9E3B looks like.

```
.text, #text, p{  
    color:#EA9E3B  
}
```

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 #EA9E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA9E3B
}
```

## Border

The CSS property to change the border of an element to Decimal 15375931 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
#EA9E3B }
```

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

```
.border{ border-color:#EA9E3B }
```

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

Here you see how a box with a 4 pixel #EA9E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA9E3B; -webkit-box-shadow:4px 4px  
4px 4px #EA9E3B; box-shadow:4px 4px 4px  
4px #EA9E3B }
```

# Background

The CSS property to change the background color of an element to Decimal 15375931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA9E3B }
```

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

```
.background{ background-color:#EA9E3B }
```

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