

# Converting Colors

Decimal(14976000)

Have a look what the booklet for  
Decimal(14976000) contains.

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# **Color**

**Decimal(14976000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E48400
RGB	228, 132, 0
RGB Percent	89%, 52%, 0%
CMY	0.1059, 0.4824, 1.0000
CMYK	0.00, 0.42, 1.00, 0.11
HSL	35°, 100%, 45%
HSV	35°, 100%, 89%
XYZ	40.2462, 32.9965, 4.2478
YIQ	145.6560, 99.5880, -20.7000

# Conversions

## Conversions Part 2

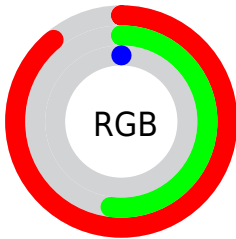
Format	Color
<b>RYB</b>	166, 228, 0
Decimal	14976000
CIELab	64.16, 29.95, 70.37
CIELCh	64, 76.481, 66.944
Yxy	32.9965, 0.5194, 0.4258
Android (android.graphics.Color)	4293166080 (0xFFE48400)
YUV	145.6560, -71.8084, 72.2157
Hunter-Lab	57.4426, 24.5385, 35.8254

# Details

The Decimal color **14976000** is a dark color, and the websafe version is hex **FF9933**, and the color name is **fulvous**. The color can be described as dark washed orange. A complement of this color would be **24804**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16759368**, and **10899968** is the 20% darker color. If you saturate the color by 10%, you get **14976000**, and if you desaturate by 10%, it is **14978583**.

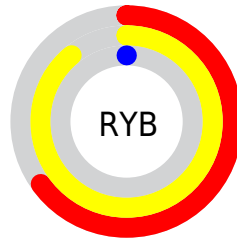
# Distribution



Red (89%)

Green (52%)

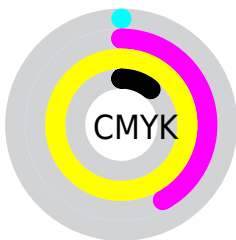
Blue (0%)



Red (65%)

Yellow (89%)

Blue (0%)

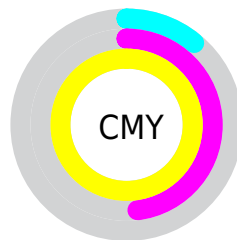


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (48%)




















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14976000 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 14976000 by changing the saturation by 10% instead.



 14976000	 14976000
 16777215	 12937728
 16759368	 10899968
 16766307	 8862208
 16773759	 6889984
 16777114	 5048576
 16777143	 3276800
 16777171	 786432
 16777200	 0
 14976000	

 14978583

 14980910

 14983492

 14985819

 14988402

 14990985

 14993312

 14995894

 14998221

# Harmonies

## Analogous

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



16737357



14976000



11312640

# Triad

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



14976000



47786



11567871

# Complementary

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



14976000



24804

# 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.



40959



14976000



47596

# Square

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



14976000



46947



45567



16277714

# Rectangle

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



14976000



8301056



45567



9014527



# Sweetspot

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



14976000



16768947



14942307



8416338



0



8421504



# Same Dimension

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



14976000



16749568



14017536



7564903



11757312



3350016



# Inverse Universe

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



24804



27647



983268



6777971



19379



5427



# Previews

## White Background



This preview shows how the Decimal color 14976000 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 14976000 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 14976000 Background



This preview shows how black text looks on a background with the Decimal color 14976000.



This preview shows how white text looks on a background with the Decimal color 14976000.

# 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**  
14976000

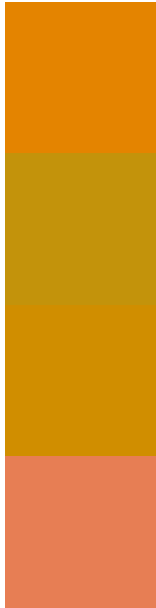
**Protanopia**  
11574290

**Deuteranopia**  
12948480



**Tritanopia**  
15301508

# Trichromacy



**Original Color**  
14976000

**Protanomaly**  
12817163

**Deuteranomaly**  
13667840

**Tritanomaly**  
15171156

# Monochromacy



**Original Color**  
14976000

**Achromatopsia**  
9605778

**Achromatomaly**  
11570525

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14976000 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 #E48400 looks like.

```
.text, #text, p{  
    color:#E48400  
}
```

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 #E48400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48400
}
```

## Border

The CSS property to change the border of an element to Decimal 14976000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

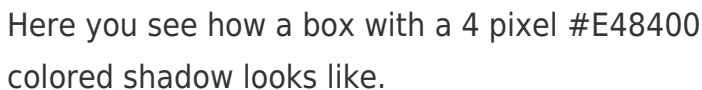
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E48400 }
```

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

```
.border{ border-color:#E48400 }
```

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

A rectangular box with a 4-pixel orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #E48400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48400; -webkit-box-shadow:4px 4px  
4px 4px #E48400; box-shadow:4px 4px 4px  
4px #E48400 }
```

# Background

The CSS property to change the background color of an element to Decimal 14976000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48400 }
```

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

```
.background{ background-color:#E48400 }
```

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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