

Converting Colors

Decimal(14717010)

Have a look what the booklet for
Decimal(14717010) contains.

Decimal(14717010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(14717010)

Conversions

Conversions Part 1

Format	Color
Hex	E09052
RGB	224, 144, 82
RGB Percent	88%, 56%, 32%
CMY	0.1216, 0.4353, 0.6784
CMYK	0.00, 0.36, 0.63, 0.12
HSL	26°, 70%, 60%
HSV	26°, 63%, 88%
XYZ	42.2367, 36.4030, 12.7830
YIQ	160.8520, 67.5820, -2.3220

Conversions

Conversions Part 2

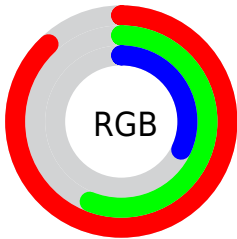
Format	Color
RYB	224, 192, 82
Decimal	14717010
CIELab	66.83, 24.54, 44.87
CIELCh	67, 51.146, 61.327
Yxy	36.4030, 0.4620, 0.3982
Android (android.graphics.Color)	4292907090 (0xFFE09052)
YUV	160.8520, -38.8740, 55.3808
Hunter-Lab	60.3349, 19.3707, 29.6728

Details

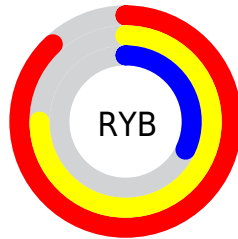
The Decimal color **14717010** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5415648**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16762501**, and **10771745** is the 20% darker color. If you saturate the color by 10%, you get **14713660**, and if you desaturate by 10%, it is **14720360**.

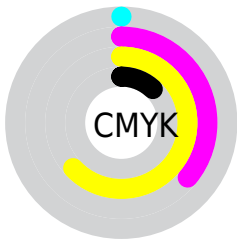
Distribution



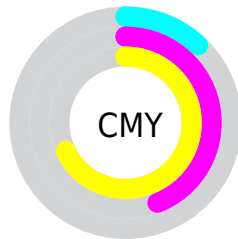
- Red (88%)
- Green (56%)
- Blue (32%)



- Red (88%)
- Yellow (75%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (63%)
- Black (12%)




















- Cyan (12%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14717010 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 14717010 by changing the saturation by 10% instead.

 14717010	 14717010
16777215	 12744249
 16762501	 10771745
 16769696	 8865030
 16777147	 7024128
 16777175	 5183232
 16777204	 3408384
	 1507328
	 0
 14717010	 14717010

14713660

14720360

14710565

14723455

14707215

14726805

14705152

14729900

14733250

14736600

14739695

14743039

14745599

Harmonies

Analogous

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



16154997



14717010



12296515

Triad

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



14717010



47779



11048689

Complementary

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



14717010



5415648

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.



5220350



14717010



47569

Square

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



14717010



5224053



46067



14517456

Rectangle

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



14717010



10332745



46067



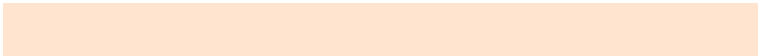
9477368

Sweetspot

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



14717010



16770255



14701218



8417122



0



8421504

Same Dimension

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



14717010



16749117



14735186



7367269



11554048



3151104

Inverse Universe

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



5415648



4041471



5397472



6646640



25520



6960

Previews

White Background



This preview shows how the Decimal color 14717010 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 14717010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

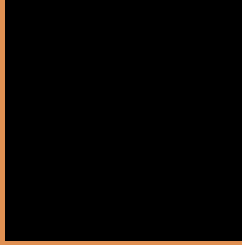
Any Text WCAG AA ✓ Pass

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 14717010 Background



This preview shows how black text looks on a background with the Decimal color 14717010.



This preview shows how white text looks on a background with the Decimal color 14717010.

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
14717010

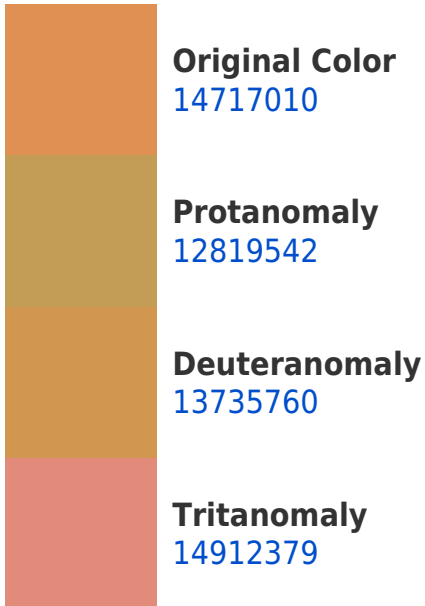
Protanopia
11772760

Deuteranopia
13212495



Tritanopia
14977171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14717010 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 #E09052 looks like.

```
.text, #text, p{  
    color:#E09052  
}
```

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 #E09052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09052
}
```

Border

The CSS property to change the border of an element to Decimal 14717010 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
#E09052 }
```

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

```
.border{ border-color:#E09052 }
```

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

Here you see how a box with a 4 pixel #E09052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09052; -webkit-box-shadow:4px 4px  
4px 4px #E09052; box-shadow:4px 4px 4px  
4px #E09052 }
```

Background

The CSS property to change the background color of an element to Decimal 14717010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09052 }
```

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

```
.background{ background-color:#E09052 }
```

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