

# Converting Colors

Decimal(14857003)

Have a look what the booklet for  
Decimal(14857003) contains.

<b>Decimal(14857003)</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(14857003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B32B
RGB	226, 179, 43
RGB Percent	89%, 70%, 17%
CMY	0.1137, 0.2980, 0.8314
CMYK	0.00, 0.21, 0.81, 0.11
HSL	45°, 76%, 53%
HSV	45°, 81%, 89%
XYZ	47.9202, 48.5834, 9.1374
YIQ	177.5490, 71.6680, -32.3320

# Conversions

## Conversions Part 2

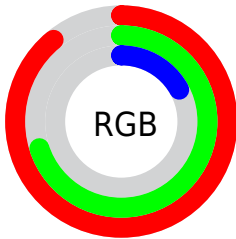
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 226, 43
Decimal	14857003
CIELab	75.19, 4.89, 69.66
CIELCh	75, 69.835, 85.989
Yxy	48.5834, 0.4536, 0.4599
Android (android.graphics.Color)	4293047083 (0xFFE2B32B)
YUV	177.5490, -66.3327, 42.4915
Hunter-Lab	69.7018, 0.7412, 41.0188

# Details

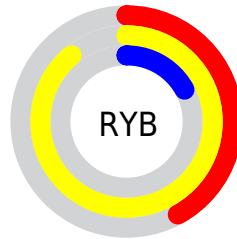
The Decimal color **14857003** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **2841314**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16771685**, and **10911488** is the 20% darker color. If you saturate the color by 10%, you get **14855444**, and if you desaturate by 10%, it is **14858562**.

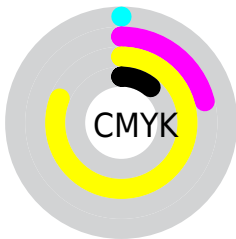
# Distribution



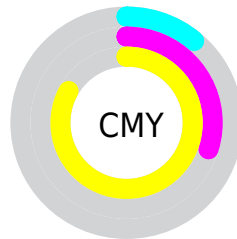
- Red (89%)
- Green (70%)
- Blue (17%)



- Red (42%)
- Yellow (89%)
- Blue (17%)



- Cyan (0%)
- Magenta (21%)
- Yellow (81%)
- Black (11%)






















- Cyan (11%)
- Magenta (30%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14857003 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 14857003 by changing the saturation by 10% instead.



 14857003	 14857003
 16777215	 12883968
 16771685	 10911488
 16777089	 9004544
 16777117	 7097856
 16777145	 5257216
 16777174	 3547904
 16777203	 1969664
	 0
 14857003	 14857003

14855444

14858562

14854144

14860120

14861423

14862981

14864540

14866099

14867657

14868960

14870518

# Harmonies

## Analogous

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



16751182



14857003



10798650

# Triad

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



14857003



55536



16748799

# Complementary

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



14857003



2841314

# 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.



11185407



14857003



53759

# Square

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



14857003



55214



50175



16743877

# Rectangle

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



14857003



7327578



50175



15243775

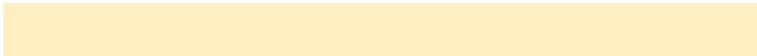


# Sweetspot

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



14857003



16773058



14822236



8418907



0



8421504



# Same Dimension

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



14857003



16760584



12050987



7368037



11567872



3154944



# Inverse Universe

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



2841314



542719



5647330



6645872



11696



3120



# Previews

## White Background



This preview shows how the Decimal color 14857003 looks on a white background.

## Color Contrast Check

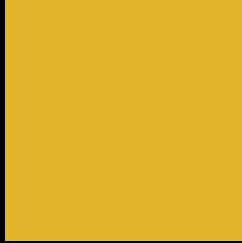
Large Text (above 18pt) WCAG AA × Fail

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 14857003 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 14857003 Background



This preview shows how black text looks on a background with the Decimal color 14857003.



This preview shows how white text looks on a background with the Decimal color 14857003.

# 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**  
14857003

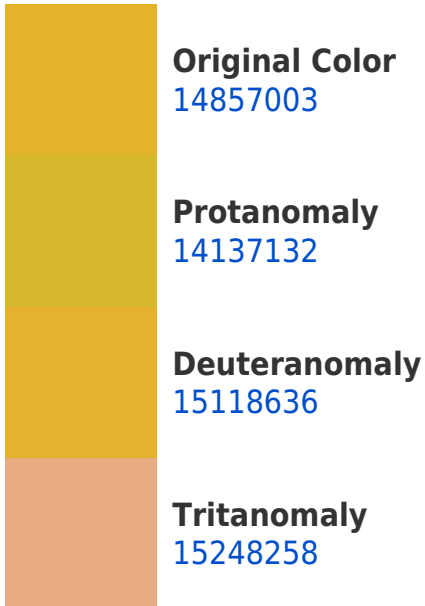
**Protanopia**  
13679149

**Deuteranopia**  
15314989



**Tritanopia**  
15443892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14857003 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 #E2B32B looks like.

```
.text, #text, p{  
    color:#E2B32B  
}
```

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 #E2B32B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B32B
}
```

## Border

The CSS property to change the border of an element to Decimal 14857003 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
#E2B32B }
```

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

```
.border{ border-color:#E2B32B }
```

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

Here you see how a box with a 4 pixel #E2B32B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B32B; -webkit-box-shadow:4px 4px  
4px 4px #E2B32B; box-shadow:4px 4px 4px  
4px #E2B32B }
```

# Background

The CSS property to change the background color of an element to Decimal 14857003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B32B }
```

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

```
.background{ background-color:#E2B32B }
```

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