

# Converting Colors

Decimal(15314038)

Have a look what the booklet for  
Decimal(15314038) contains.

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# **Color**

**Decimal(15314038)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9AC76
RGB	233, 172, 118
RGB Percent	91%, 67%, 46%
CMY	0.0863, 0.3255, 0.5373
CMYK	0.00, 0.26, 0.49, 0.09
HSL	28°, 72%, 69%
HSV	28°, 49%, 91%
XYZ	51.6268, 48.1367, 23.7098
YIQ	184.0830, 53.6900, -3.8620

# Conversions

## Conversions Part 2

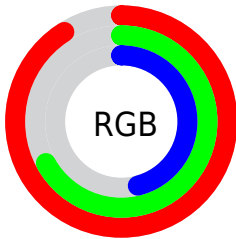
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 220, 118
Decimal	15314038
CIE Lab	74.91, 16.10, 36.42
CIE LCh	75, 39.819, 66.151
Yxy	48.1367, 0.4181, 0.3899
Android (android.graphics.Color)	4293504118 (0xFFE9AC76)
YUV	184.0830, -32.5789, 42.9002
Hunter-Lab	69.3806, 11.4076, 28.3049

# Details

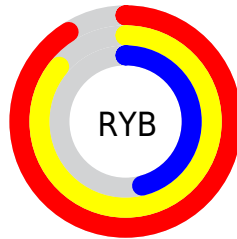
The Decimal color **15314038** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7779305**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16769963**, and **11499588** is the 20% darker color. If you saturate the color by 10%, you get **15310943**, and if you desaturate by 10%, it is **15317133**.

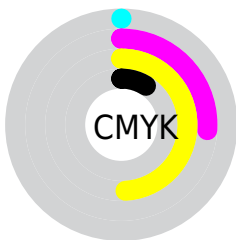
# Distribution



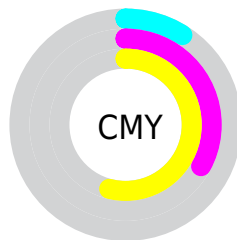
- Red (91%)
- Green (67%)
- Blue (46%)



- Red (91%)
- Yellow (86%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15314038 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 15314038 by changing the saturation by 10% instead.



 15314038

 15314038

16777215

 13406557

 16769963

 11499588

 16777158

 9592621

 16777187

 7816982

 6041600

 4266752

 2622464

 0

 15314038

 15314038

15310943

15317133

15307591

15320485

15304496

15323580

15301401

15326675

15298050

15330027

15297792

15333119

15335423

# Harmonies

## Analogous

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



16621967



15314038



13220207

# Triad

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



15314038



4377791



13085940

# Complementary

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



15314038



7779305

# 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.



9484799



15314038



1690338

# Square

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



15314038



7719578



5227771



15573207

# Rectangle

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



15314038



11583605



5227771



11973114

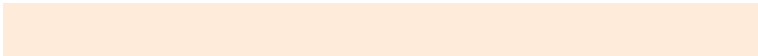


# Sweetspot

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



15314038



16772057



15300275



8418153



0



8421504



# Same Dimension

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



15314038



16756585



15328630



7696234



11883776



3545344

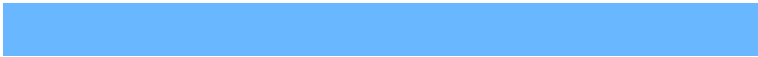


# Inverse Universe

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



7779305



6928639



7764713



6975605



24757



7222



# Previews

## White Background



This preview shows how the Decimal color 15314038 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 15314038 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

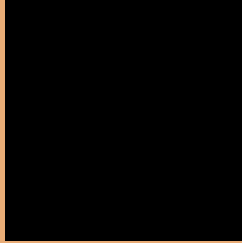
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15314038 Background



This preview shows how black text looks on a background with the Decimal color 15314038.




This preview shows how white text looks on a background with the Decimal color 15314038.

# 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](#).

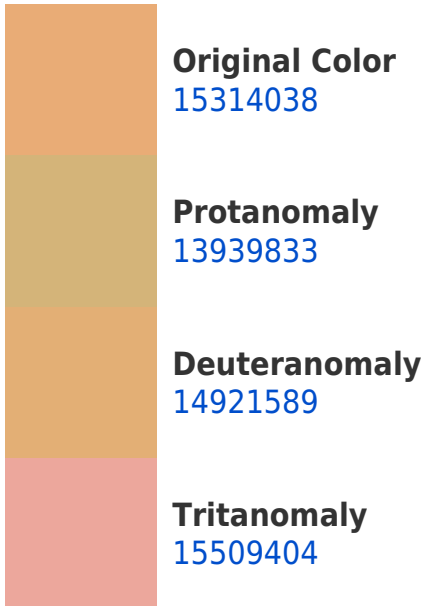
## Dichromacy





**Tritanopia**  
15639729

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15314038 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 #E9AC76 looks like.

```
.text, #text, p{  
  color:#E9AC76  
}
```

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 #E9AC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9AC76
}
```

## Border

The CSS property to change the border of an element to Decimal 15314038 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
#E9AC76 }
```

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

```
.border{ border-color:#E9AC76 }
```

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

Here you see how a box with a 4 pixel #E9AC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9AC76; -webkit-box-shadow:4px 4px  
4px 4px #E9AC76; box-shadow:4px 4px 4px  
4px #E9AC76 }
```

# Background

The CSS property to change the background color of an element to Decimal 15314038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9AC76 }
```

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

```
.background{ background-color:#E9AC76 }
```

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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