

# Converting Colors

Decimal(13082742)

Have a look what the booklet for  
Decimal(13082742) contains.

<b>Decimal(13082742)</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(13082742)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7A076
RGB	199, 160, 118
RGB Percent	78%, 63%, 46%
CMY	0.2196, 0.3725, 0.5373
CMYK	0.00, 0.20, 0.41, 0.22
HSL	31°, 42%, 62%
HSV	31°, 41%, 78%
XYZ	39.3940, 38.5917, 22.5122
YIQ	166.8730, 36.7260, -4.7940

# Conversions

## Conversions Part 2

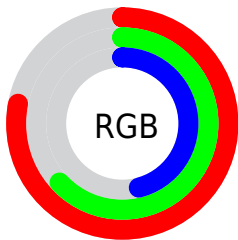
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 199, 118
Decimal	13082742
CIELab	68.45, 8.76, 27.35
CIElCh	68, 28.718, 72.230
Yxy	38.5917, 0.3920, 0.3840
Android (android.graphics.Color)	4291272822 (0xFFC7A076)
YUV	166.8730, -24.0944, 28.1754
Hunter-Lab	62.1222, 4.4795, 21.9997

# Details

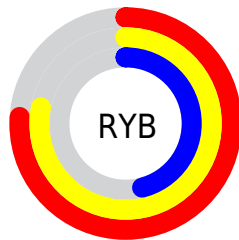
The Decimal color **13082742** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7773639**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16766891**, and **9399621** is the 20% darker color. If you saturate the color by 10%, you get **13080162**, and if you desaturate by 10%, it is **13085322**.

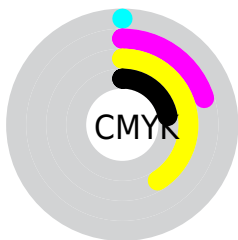
# Distribution



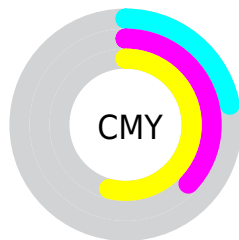
- Red (78%)
- Green (63%)
- Blue (46%)



- Red (76%)
- Yellow (78%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13082742 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 13082742 by changing the saturation by 10% instead.



 13082742

 13082742

16777215

 11241053

 16766891

 9399621

 16774086

 7689262

 16777186

 5979416

 4335360

 2691840

 327680

 0

 13082742

 13082742

13080162

13085322

13077838

13087646

13075258

13090226

13072934

13092550

13070355

13095130

13068032

13097453

13100031

13102591

13104895

# Harmonies

## Analogous

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



14129285



13082742



11512180

# Triad

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



13082742



6010289



12099021

# Complementary

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



13082742



7773639

# 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.



9807577



13082742



5747657

# Square

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



13082742



7648406



7384792



13735607

# Rectangle

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



13082742



10268282



7384792



11378899



# Sweetspot

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



13082742



16773344



13072029



8419182



0



8421504



# Same Dimension

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



13082742



16761730



13027190



6512474



10704128



2364160

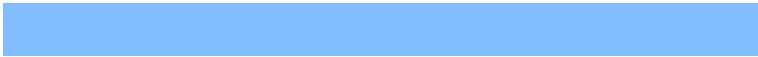


# Inverse Universe

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



7773639



8568575



7829191



5922403



20387



4388



# Previews

## White Background



This preview shows how the Decimal color 13082742 looks on a white background.

## Color Contrast Check

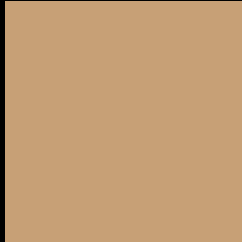
Large Text (above 18pt) WCAG AA × Fail

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 13082742 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

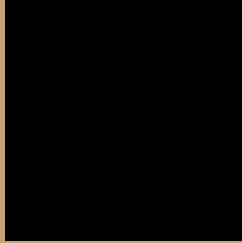
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13082742 Background



This preview shows how black text looks on a background with the Decimal color 13082742.



This preview shows how white text looks on a background with the Decimal color 13082742.

# 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**  
13082742

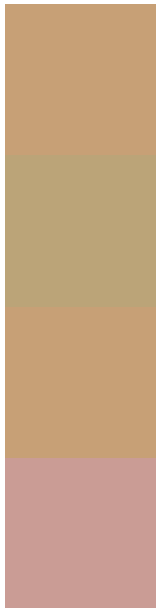
**Protanopia**  
11839353

**Deuteranopia**  
13082742



**Tritanopia**  
13408934

# Trichromacy



**Original Color**  
13082742

**Protanomaly**  
12297336

**Deuteranomaly**  
13082742

**Tritanomaly**  
13278357

# Monochromacy



**Original Color**  
13082742

**Achromatopsia**  
10987431

**Achromatomaly**  
11773077

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13082742 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 #C7A076 looks like.

```
.text, #text, p{  
    color:#C7A076  
}
```

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 #C7A076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A076
}
```

## Border

The CSS property to change the border of an element to Decimal 13082742 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
#C7A076 }
```

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

```
.border{ border-color:#C7A076 }
```

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

Here you see how a box with a 4 pixel #C7A076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A076; -webkit-box-shadow:4px 4px  
4px 4px #C7A076; box-shadow:4px 4px 4px  
4px #C7A076 }
```

# Background

The CSS property to change the background color of an element to Decimal 13082742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A076 }
```

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

```
.background{ background-color:#C7A076 }
```

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