

# Converting Colors

Decimal(13084871)

Have a look what the booklet for  
Decimal(13084871) contains.

<b>Decimal(13084871)</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(13084871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7A8C7
RGB	199, 168, 199
RGB Percent	78%, 66%, 78%
CMY	0.2196, 0.3412, 0.2196
CMYK	0.00, 0.16, 0.00, 0.22
HSL	300°, 22%, 72%
HSV	300°, 16%, 78%
XYZ	47.8646, 44.2709, 60.0552
YIQ	180.8030, 8.5250, 16.2130

# Conversions

## Conversions Part 2

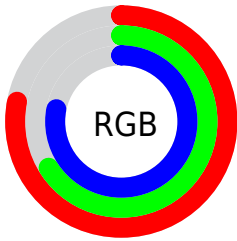
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 168, 199
Decimal	13084871
CIE <sub>Lab</sub>	72.41, 16.72, -11.59
CIE <sub>LCh</sub>	72, 20.347, 325.278
Yxy	44.2709, 0.3145, 0.2909
Android (android.graphics.Color)	4291274951 (0xFFC7A8C7)
YUV	180.8030, 8.9711, 15.9588
Hunter-Lab	66.5364, 11.9698, -6.9392

# Details

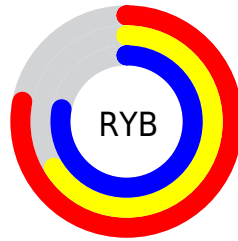
The Decimal color **13084871** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11061160**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16769023**, and **9532561** is the 20% darker color. If you saturate the color by 10%, you get **13079751**, and if you desaturate by 10%, it is **13089991**.

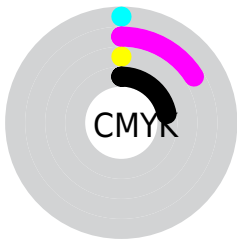
# Distribution



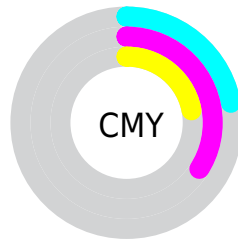
- Red (78%)
- Green (66%)
- Blue (78%)



- Red (78%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13084871 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 13084871 by changing the saturation by 10% instead.



■ 13084871

■ 13084871

16777215

■ 11308460

■ 16769023

■ 9532561

■ 16776447

■ 7822199

■ 6177631

■ 4599111

■ 3086384

■ 1835036

■ 0

■ 13084871

■ 13084871

 13079751

 13089991

 13074631

 13095111

 13069511

 13100231

 13064391

 13105351

 13059527

 13107143

 13054407

 13049287

 13044167

 13041863

# Harmonies

## Analogous

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



11644627



13084871



14001589

# Triad

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



13084871



12824461



8371393

# Complementary

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



13084871



11061160

# 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.



8961198



13084871



11515280

# Square

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



13084871



13805972



10140316



8763855

# Rectangle

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



13084871



14198185



10140316



8436923



# Sweetspot

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



13084871



16773887



11053255



8419456



0



8421504



# Same Dimension

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



13084871



16764927



13084856



6511203



10682531



2359332



# Inverse Universe

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



13084871



16764927



11061176



6511203



10682531

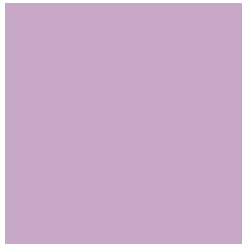


2359332



# Previews

## White Background



This preview shows how the Decimal color 13084871 looks on a white background.

## Color Contrast Check

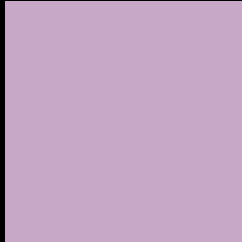
Large Text (above 18pt) WCAG AA × Fail

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 13084871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

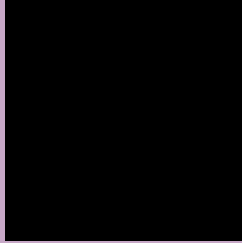
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13084871 Background



This preview shows how black text looks on a background with the Decimal color 13084871.

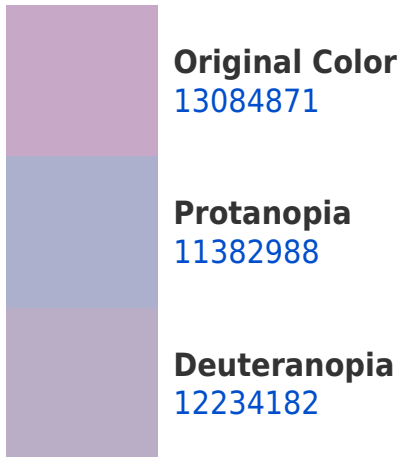



This preview shows how white text looks on a background with the Decimal color 13084871.

# 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**  
12954552

# Trichromacy



**Original Color**  
13084871

**Protanomaly**  
11972042

**Deuteranomaly**  
12561350

**Tritanomaly**  
13019837

# Monochromacy



**Original Color**  
13084871

**Achromatopsia**  
11908533

**Achromatomaly**  
12366012

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13084871 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 #C7A8C7 looks like.

```
.text, #text, p{  
    color:#C7A8C7  
}
```

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 #C7A8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A8C7
}
```

## Border

The CSS property to change the border of an element to Decimal 13084871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

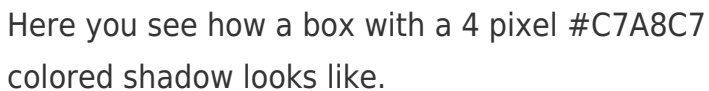
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7A8C7 }
```

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

```
.border{ border-color:#C7A8C7 }
```

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



Here you see how a box with a 4 pixel `#C7A8C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A8C7; -webkit-box-shadow:4px 4px  
4px 4px #C7A8C7; box-shadow:4px 4px 4px  
4px #C7A8C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13084871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A8C7 }
```

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

```
.background{ background-color:#C7A8C7 }
```

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