

# Converting Colors

Decimal(12888019)

Have a look what the booklet for  
Decimal(12888019) contains.

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# **Color**

**Decimal(12888019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A7D3
RGB	196, 167, 211
RGB Percent	77%, 65%, 83%
CMY	0.2314, 0.3451, 0.1725
CMYK	0.07, 0.21, 0.00, 0.17
HSL	280°, 33%, 74%
HSV	280°, 21%, 83%
XYZ	48.3415, 44.0763, 67.5877
YIQ	180.6870, 3.1600, 19.8320

# Conversions

## Conversions Part 2

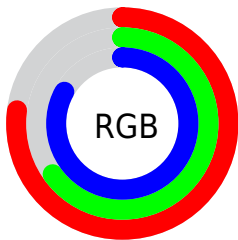
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 167, 211
Decimal	12888019
CIELab	72.28, 18.60, -18.40
CIElCh	72, 26.164, 315.306
Yxy	44.0763, 0.3021, 0.2755
Android (android.graphics.Color)	4291078099 (0xFFC4A7D3)
YUV	180.6870, 14.9443, 13.4295
Hunter-Lab	66.3900, 13.7913, -13.8866

# Details

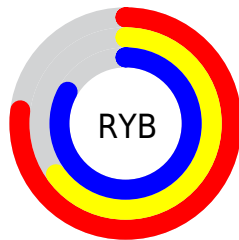
The Decimal color **12888019** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11981735**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16637695**, and **9335708** is the 20% darker color. If you saturate the color by 10%, you get **12423891**, and if you desaturate by 10%, it is **13352147**.

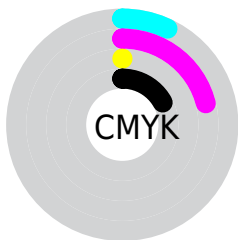
# Distribution



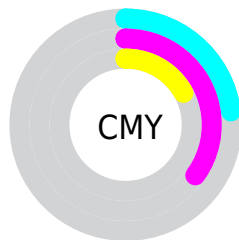
- Red (77%)
- Green (65%)
- Blue (83%)



- Red (77%)
- Yellow (65%)
- Blue (83%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (35%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12888019 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 12888019 by changing the saturation by 10% instead.



 12888019

 12888019

16777215

 11111863

 16637695

 9335708

 16776191

 7625346

 5981033

 4402257

 2889530

 1703972

 12

 0

 12888019

 12888019

 12423891

 13352147

 11959763

 13816275

 11430099

 14345939

 10965971

 14810067

 10501843

 15269843

 10037459

 15728595

 9573331

 16187347

 9109715

 16711635

 16777171

# Harmonies

## Analogous

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



10858463



12888019



14262718

# Triad

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



12888019



13479043



7192509

# Complementary

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



12888019



11981735

# 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.



8437412



12888019



11973763

# Square

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



12888019



14525584



10205839



7191762

# Rectangle

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



12888019



14786734



10205839



7520181



# Sweetspot

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



12888019



16445695



10991315



8157056



0



8421504



# Same Dimension

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



12888019



15319039



13871052



6643305



7274664



1769513



# Inverse Universe

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



13871030



16760789



10998702



6905442



11010105

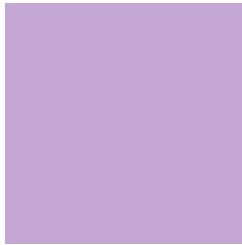


2686990



# Previews

## White Background



This preview shows how the Decimal color 12888019 looks on a white background.

## Color Contrast Check

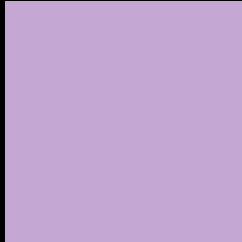
Large Text (above 18pt) WCAG AA × Fail

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 12888019 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

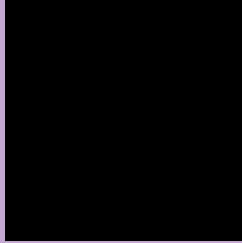
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12888019 Background



This preview shows how black text looks on a background with the Decimal color 12888019.



This preview shows how white text looks on a background with the Decimal color 12888019.

# 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**  
12888019

**Protanopia**  
11055321

**Deuteranopia**  
11775442



**Tritanopia**  
12627129

# Trichromacy



**Original Color**  
12888019

**Protanomaly**  
11709911

**Deuteranomaly**  
12168146

**Tritanomaly**  
12692162

# Monochromacy



**Original Color**  
12888019

**Achromatopsia**  
11908533

**Achromatomaly**  
12234944

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12888019 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 #C4A7D3 looks like.

```
.text, #text, p{  
  color:#C4A7D3  
}
```

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 #C4A7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A7D3
}
```

## Border

The CSS property to change the border of an element to Decimal 12888019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

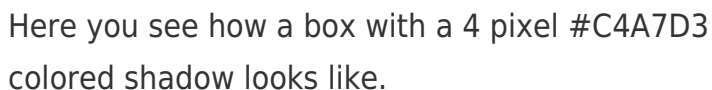
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4A7D3 }
```

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

```
.border{ border-color:#C4A7D3 }
```

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



Here you see how a box with a 4 pixel `#C4A7D3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A7D3; -webkit-box-shadow:4px 4px  
4px 4px #C4A7D3; box-shadow:4px 4px 4px  
4px #C4A7D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12888019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A7D3 }
```

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

```
.background{ background-color:#C4A7D3 }
```

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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