

# Converting Colors

Decimal(12888037)

Have a look what the booklet for  
Decimal(12888037) contains.

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# **Color**

**Decimal(12888037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A7E5
RGB	196, 167, 229
RGB Percent	77%, 65%, 90%
CMY	0.2314, 0.3451, 0.1020
CMYK	0.14, 0.27, 0.00, 0.10
HSL	268°, 54%, 78%
HSV	268°, 27%, 90%
XYZ	50.7265, 45.0303, 80.1469
YIQ	182.7390, -2.6180, 25.4300

# Conversions

## Conversions Part 2

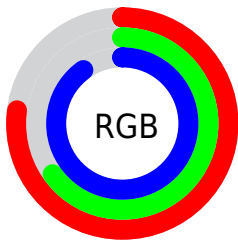
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 167, 229
Decimal	12888037
CIE <sub>Lab</sub>	72.91, 22.33, -27.28
CIE <sub>LCh</sub>	73, 35.259, 309.300
Yxy	45.0303, 0.2884, 0.2560
Android (android.graphics.Color)	4291078117 (0xFFC4A7E5)
YUV	182.7390, 22.8067, 11.6299
Hunter-Lab	67.1046, 17.5007, -23.8402

# Details

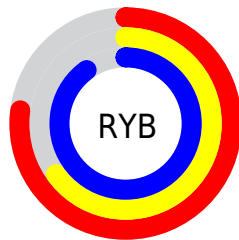
The Decimal color **12888037** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13165991**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16637695**, and **9335725** is the 20% darker color. If you saturate the color by 10%, you get **12095717**, and if you desaturate by 10%, it is **13680357**.

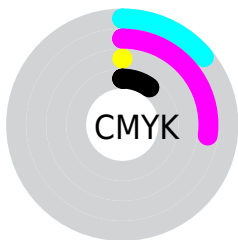
# Distribution



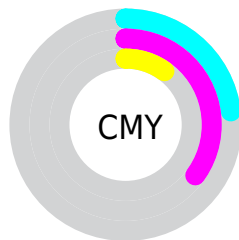
- Red (77%)
- Green (65%)
- Blue (90%)



- Red (77%)
- Yellow (65%)
- Blue (90%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (35%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12888037 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 12888037 by changing the saturation by 10% instead.



12888037

12888037

16777215

11046089

16637695

9335725

16776191

7559827

5915257

4336736

2758216

1441841

283


0

 12888037

 12888037

 12095717

 13680357

 11303397

 14472677

 10445541

 15330533

 9653221

 16121829

 8861157

 16777189

 8068837

 7276517

 7012581

# Harmonies

## Analogous

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



9876466



12888037



14982602

# Triad

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



12888037



14461303



5227964

# Complementary

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



12888037



13165991

# 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.



7717787



12888037



12563571

# Square

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



12888037



15703948



10272128



4244443

# Rectangle

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



12888037



15768245



10272128



6014129



# Sweetspot

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



12888037



16051199



10995941



7959424



0



8421504



# Same Dimension

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



12888037



13938175



14919653



7169907



5439667



1572915



# Inverse Universe

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



15050696



16756185



11134375



7563117



11731039

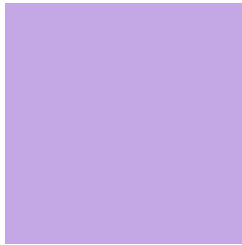


3342363



# Previews

## White Background



This preview shows how the Decimal color 12888037 looks on a white background.

## Color Contrast Check

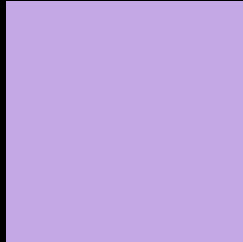
Large Text (above 18pt) WCAG AA × Fail

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 12888037 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

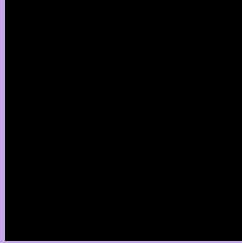
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12888037 Background



This preview shows how black text looks on a background with the Decimal color 12888037.




This preview shows how white text looks on a background with the Decimal color 12888037.

# 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**  
12431292

# Trichromacy



**Original Color**  
12888037

**Protanomaly**  
11513321

**Deuteranomaly**  
11840996

**Tritanomaly**  
12627147

# Monochromacy



**Original Color**  
12888037

**Achromatopsia**  
12040119

**Achromatomaly**  
12366280

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12888037 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 #C4A7E5 looks like.

```
.text, #text, p{  
  color:#C4A7E5  
}
```

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 #C4A7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A7E5
}
```

## Border

The CSS property to change the border of an element to Decimal 12888037 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
#C4A7E5 }
```

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

```
.border{ border-color:#C4A7E5 }
```

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

Here you see how a box with a 4 pixel #C4A7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A7E5; -webkit-box-shadow:4px 4px  
4px 4px #C4A7E5; box-shadow:4px 4px 4px  
4px #C4A7E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12888037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A7E5 }
```

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

```
.background{ background-color:#C4A7E5 }
```

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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