

# Converting Colors

Decimal(12887005)

Have a look what the booklet for  
Decimal(12887005) contains.

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# **Color**

**Decimal(12887005)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A3DD
RGB	196, 163, 221
RGB Percent	77%, 64%, 87%
CMY	0.2314, 0.3608, 0.1333
CMYK	0.11, 0.26, 0.00, 0.13
HSL	274°, 46%, 75%
HSV	274°, 26%, 87%
XYZ	48.9133, 43.1506, 74.1575
YIQ	179.4790, 1.0500, 25.0340

# Conversions

## Conversions Part 2

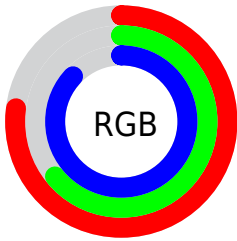
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 163, 221
Decimal	12887005
CIELab	71.66, 22.85, -24.83
CIElCh	72, 33.746, 312.618
Yxy	43.1506, 0.2943, 0.2596
Android (android.graphics.Color)	4291077085 (0xFFC4A3DD)
YUV	179.4790, 20.4699, 14.4889
Hunter-Lab	65.6891, 17.9583, -20.9510

# Details

The Decimal color **12887005** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12377507**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16636671**, and **9334694** is the 20% darker color. If you saturate the color by 10%, you get **12226013**, and if you desaturate by 10%, it is **13547997**.

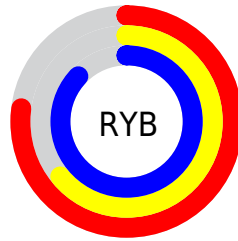
# Distribution



Red (77%)

Green (64%)

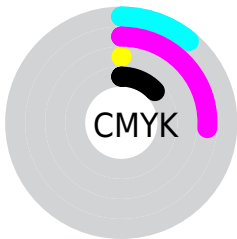
Blue (87%)



Red (77%)

Yellow (64%)

Blue (87%)

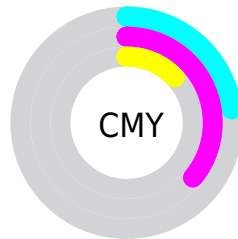


Cyan (11%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (23%)

Magenta (36%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12887005 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 12887005 by changing the saturation by 10% instead.



■ 12887005

■ 12887005

16777215

■ 11045313

■ 16636671

■ 9334694

■ 16775167

■ 7624331

■ 5914482

■ 4335705

■ 2822977

■ 1638443

■ 277

■ 0

 12887005

 12887005

 12226013

 13547997

 11630557

 14143453

 10969565

 14804445

 10374109

 15399901

 9712861

 16056285

 9117405

 16646109

 8456413

 16777181

 8257757

# Harmonies

## Analogous

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



10137323



12887005



14785219

# Triad

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



12887005



13936501



5226684

# Complementary

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



12887005



12377507

# 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.



7454620



12887005



12104307

# Square

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



12887005



15179399



9812609



4701912

# Rectangle

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



12887005



15440046



9812609



5882033



# Sweetspot

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



12887005



16182271



10730717



8024960



0



8421504



# Same Dimension

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



12887005



14528767



14525401



6906734



6488237



1703982



# Inverse Universe

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



14525372



16756946



10739111



7234407



11337803

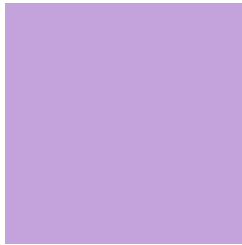


3014676



# Previews

## White Background



This preview shows how the Decimal color 12887005 looks on a white background.

## Color Contrast Check

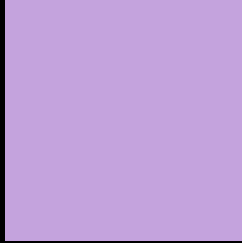
Large Text (above 18pt) WCAG AA × Fail

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 12887005 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

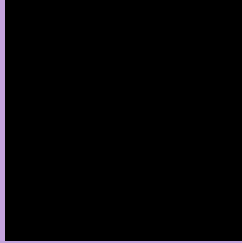
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12887005 Background



This preview shows how black text looks on a background with the Decimal color 12887005.




This preview shows how white text looks on a background with the Decimal color 12887005.

# 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**  
12495543

# Trichromacy



**Original Color**  
12887005

**Protanomaly**  
11447010

**Deuteranomaly**  
11774428

**Tritanomaly**  
12625861

# Monochromacy



**Original Color**  
12887005

**Achromatopsia**  
11776947

**Achromatomaly**  
12168642

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12887005 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 #C4A3DD looks like.

```
.text, #text, p{  
    color:#C4A3DD  
}
```

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 #C4A3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A3DD
}
```

## Border

The CSS property to change the border of an element to Decimal 12887005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

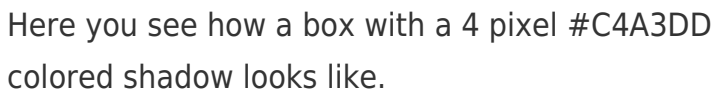
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4A3DD }
```

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

```
.border{ border-color:#C4A3DD }
```

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



Here you see how a box with a 4 pixel `#C4A3DD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A3DD; -webkit-box-shadow:4px 4px  
4px 4px #C4A3DD; box-shadow:4px 4px 4px  
4px #C4A3DD }
```

# Background

The CSS property to change the background color of an element to Decimal 12887005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A3DD }
```

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

```
.background{ background-color:#C4A3DD }
```

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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