

# Converting Colors

Decimal(12822999)

Have a look what the booklet for  
Decimal(12822999) contains.

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# **Color**

**Decimal(12822999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A9D7
RGB	195, 169, 215
RGB Percent	76%, 66%, 84%
CMY	0.2353, 0.3373, 0.1569
CMYK	0.09, 0.21, 0.00, 0.16
HSL	274°, 37%, 75%
HSV	274°, 21%, 84%
XYZ	48.9594, 44.8843, 70.3731
YIQ	182.0180, 0.7300, 19.8180

# Conversions

## Conversions Part 2

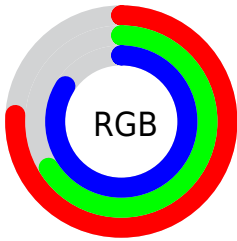
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 169, 215
Decimal	12822999
CIELab	72.82, 17.98, -19.79
CIELCh	73, 26.739, 312.259
Yxy	44.8843, 0.2981, 0.2733
Android (android.graphics.Color)	4291013079 (0xFFC3A9D7)
YUV	182.0180, 16.2601, 11.3852
Hunter-Lab	66.9958, 13.2022, -15.3818

# Details

The Decimal color **12822999** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12441513**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16572671**, and **9270688** is the 20% darker color. If you saturate the color by 10%, you get **12227799**, and if you desaturate by 10%, it is **13418455**.

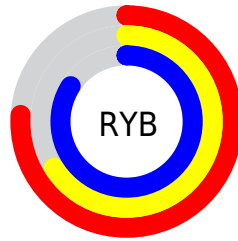
# Distribution



Red (76%)

Green (66%)

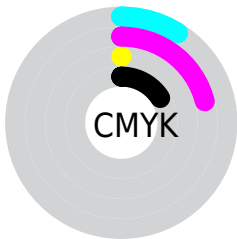
Blue (84%)



Red (76%)

Yellow (66%)

Blue (84%)

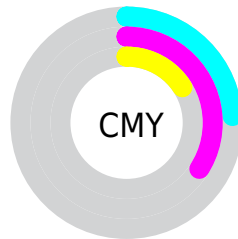


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (34%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12822999 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 12822999 by changing the saturation by 10% instead.



■ 12822999

■ 12822999

16777215

■ 11046587

■ 16572671

■ 9270688

■ 16776703

■ 7560326

■ 5915757

■ 4337236

■ 2824509

■ 1572903

■ 273

■ 0

 12822999

 12822999

 12227799

 13418455

 11566807

 14079191

 10971351


 14674647

 10376151

 15269847

 9715415

 15925207

 9119959

 16515031

 8524759

 16777175

 7995607

# Harmonies

## Analogous

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



10728162



12822999



14328770

# Triad

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



12822999



13806725



7258556

# Complementary

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



12822999



12441513

# 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.



8634275



12822999



12235907

# Square

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



12822999



14787987



10468238



7126739

# Rectangle

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



12822999



14852530



10468238



7651508



# Sweetspot

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



12822999



16314623



11124439



8157056



0



8421504



# Same Dimension

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



12822999



14859775



14133717



6709355



6357163



1638443



# Inverse Universe

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



14133693



16760282



11130795



7037029



11206730

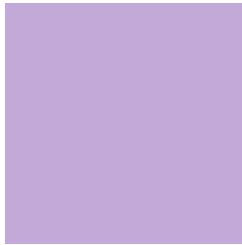


2818067



# Previews

## White Background



This preview shows how the Decimal color 12822999 looks on a white background.

## Color Contrast Check

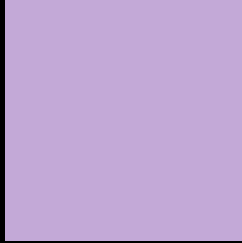
Large Text (above 18pt) WCAG AA × Fail

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 12822999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

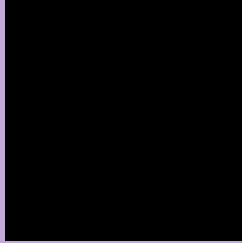
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12822999 Background



This preview shows how black text looks on a background with the Decimal color 12822999.



This preview shows how white text looks on a background with the Decimal color 12822999.

# 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**  
12822999

**Protanopia**  
11121117

**Deuteranopia**  
11775958



**Tritanopia**  
12562108

# Trichromacy



**Original Color**  
12822999

**Protanomaly**  
11710171

**Deuteranomaly**  
12168662

**Tritanomaly**  
12627142

# Monochromacy



**Original Color**  
12822999

**Achromatopsia**  
11974326

**Achromatomaly**  
12300738

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12822999 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 #C3A9D7 looks like.

```
.text, #text, p{  
    color:#C3A9D7  
}
```

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 #C3A9D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A9D7
}
```

## Border

The CSS property to change the border of an element to Decimal 12822999 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
#C3A9D7 }
```

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

```
.border{ border-color:#C3A9D7 }
```

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

Here you see how a box with a 4 pixel #C3A9D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A9D7; -webkit-box-shadow:4px 4px  
4px 4px #C3A9D7; box-shadow:4px 4px 4px  
4px #C3A9D7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12822999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A9D7 }
```

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

```
.background{ background-color:#C3A9D7 }
```

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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