

Converting Colors

Decimal(12888281)

Have a look what the booklet for
Decimal(12888281) contains.

Decimal(12888281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12888281)

Conversions

Conversions Part 1

Format	Color
Hex	C4A8D9
RGB	196, 168, 217
RGB Percent	77%, 66%, 85%
CMY	0.2314, 0.3412, 0.1490
CMYK	0.10, 0.23, 0.00, 0.15
HSL	274°, 39%, 75%
HSV	274°, 23%, 85%
XYZ	49.2920, 44.7508, 71.6854
YIQ	181.9580, 0.9590, 21.1750

Conversions

Conversions Part 2

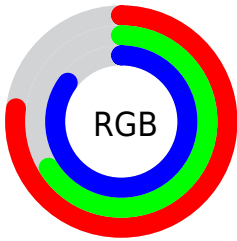
Format	Color
RYB	196, 168, 217
Decimal	12888281
CIELab	72.73, 19.27, -21.01
CIELCh	73, 28.507, 312.522
Yxy	44.7508, 0.2974, 0.2700
Android (android.graphics.Color)	4291078361 (0xFFC4A8D9)
YUV	181.9580, 17.2757, 12.3148
Hunter-Lab	66.8960, 14.4587, -16.7076

Details

The Decimal color **12888281** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12442024**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16637951**, and **9335970** is the 20% darker color. If you saturate the color by 10%, you get **12292825**, and if you desaturate by 10%, it is **13483737**.

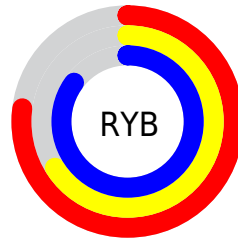
Distribution



Red (77%)

Green (66%)

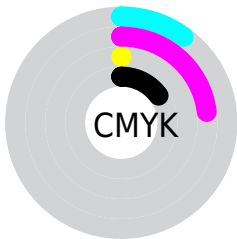
Blue (85%)



Red (77%)

Yellow (66%)

Blue (85%)

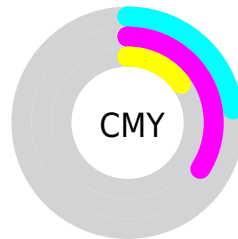


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (23%)















Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12888281 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 12888281 by changing the saturation by 10% instead.

 12888281	 12888281
 16777215	 11111869
 16637951	 9335970
 16776447	 7625608
	 5981038
	 4402518
	 2889790
	 1638440
	 274
	 0

 12888281

 12888281

 12292825

 13483737

 11632089

 14144473

 11036633

 14739929

 10441177

 15335385

 9845721

 15925209

 9184985

 16580569

 8589529

 16777177

 8126681

Harmonies

Analogous

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



10596837



12888281



14524867

Triad

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



12888281



13872257



6865341

Complementary

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



12888281



12442024

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.



8372386



12888281



12235903

Square

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



12888281



14918800



10337163



6602709

Rectangle

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



12888281



15048625



10337163



7258548

Sweetspot

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



12888281



16248319



11058649



8091008



0



8421504

Same Dimension

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



12888281



14793471



14264534



6906734



6488237



1703982

Inverse Universe

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



14264509



16759512



11065771



7234407



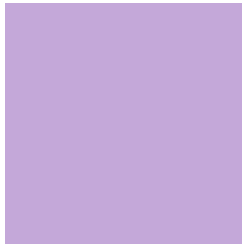
11337802



3014676

Previews

White Background



This preview shows how the Decimal color 12888281 looks on a white background.

Color Contrast Check

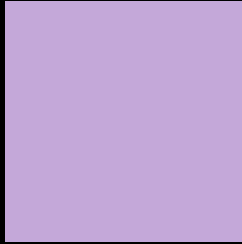
Large Text (above 18pt) WCAG AA × Fail

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 12888281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

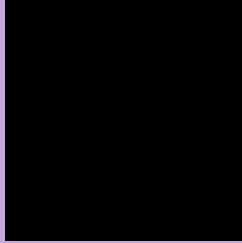
Any Text WCAG AA ✓ Pass

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 12888281 Background



This preview shows how black text looks on a background with the Decimal color 12888281.

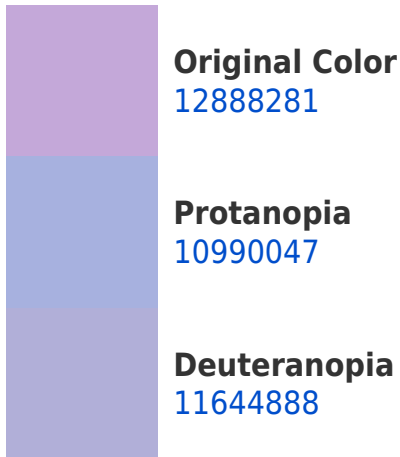



This preview shows how white text looks on a background with the Decimal color 12888281.

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
12561851

Trichromacy



Original Color
12888281

Protanomaly
11710173

Deuteranomaly
12102872

Tritanomaly
12692422

Monochromacy



Original Color
12888281

Achromatopsia
11974326

Achromatomaly
12300739

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12888281 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 #C4A8D9 looks like.

```
.text, #text, p{  
    color:#C4A8D9  
}
```

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 #C4A8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A8D9
}
```

Border

The CSS property to change the border of an element to Decimal 12888281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

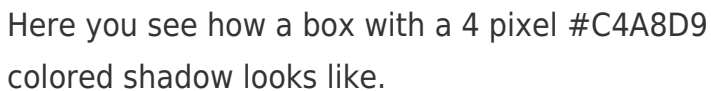
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4A8D9 }
```

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

```
.border{ border-color:#C4A8D9 }
```

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



Here you see how a box with a 4 pixel `#C4A8D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A8D9; -webkit-box-shadow:4px 4px  
4px 4px #C4A8D9; box-shadow:4px 4px 4px  
4px #C4A8D9 }
```

Background

The CSS property to change the background color of an element to Decimal 12888281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A8D9 }
```

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

```
.background{ background-color:#C4A8D9 }
```

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