

Converting Colors

Decimal(12823500)

Have a look what the booklet for
Decimal(12823500) contains.

Decimal(12823500)	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(12823500)

Conversions

Conversions Part 1

Format	Color
Hex	C3ABCC
RGB	195, 171, 204
RGB Percent	76%, 67%, 80%
CMY	0.2353, 0.3294, 0.2000
CMYK	0.04, 0.16, 0.00, 0.20
HSL	284°, 24%, 74%
HSV	284°, 16%, 80%
XYZ	47.9677, 45.0876, 63.3013
YIQ	181.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

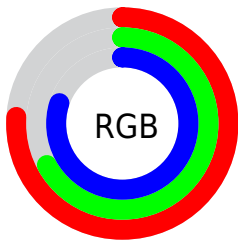
Format	Color
R_{YB}	195, 171, 204
Decimal	12823500
CIE _{Lab}	72.95, 14.68, -13.56
CIE _{LCh}	73, 19.985, 317.268
Yxy	45.0876, 0.3068, 0.2884
Android (android.graphics.Color)	4291013580 (0xFFC3ABCC)
YUV	181.9380, 10.8766, 11.4554
Hunter-Lab	67.1473, 10.0065, -8.8910

Details

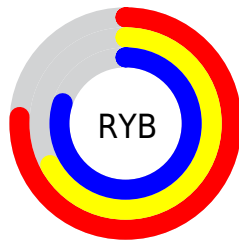
The Decimal color **12823500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11848875**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16573183**, and **9271190** is the 20% darker color. If you saturate the color by 10%, you get **12425164**, and if you desaturate by 10%, it is **13221836**.

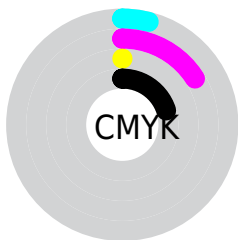
Distribution



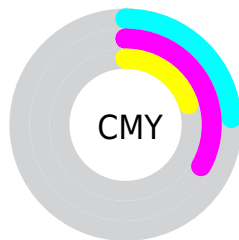
- Red (76%)
- Green (67%)
- Blue (80%)



- Red (76%)
- Yellow (67%)
- Blue (80%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12823500 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 12823500 by changing the saturation by 10% instead.

■ 12823500

■ 12823500

16777215

■ 11047089

■ 16573183

■ 9271190

■ 7560828

■ 5981795

■ 4403275

■ 2890292

■ 1638687

■ 3

■ 0

 12823500

 12823500

 12425164

 13221836

 12092108

 13554892

 11693772

 13953228

 11360716

 14286284

 10962380

 14680012

 10629580

 15007692

 10230988

 15400908

 9832652

 15794124

 9699532

 16121804

Harmonies

Analogous

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



11317718



12823500



13871036

Triad

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



12823500



13217680



8568509

Complementary

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



12823500



11848875

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.



9354666



12823500



11974032

Square

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



12823500



14002841



10599066



8698829

Rectangle

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



12823500



14198447



10599066



8765111

Sweetspot

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



12823500



16577279



11252940



8222848



0



8421504

Same Dimension

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



12823500



15912959



13413317



6511718



7930022



1835046

Inverse Universe

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



13413300



16764892



11259058



6708319



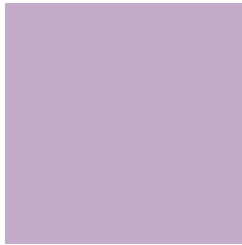
10879021



2490378

Previews

White Background



This preview shows how the Decimal color 12823500 looks on a white background.

Color Contrast Check

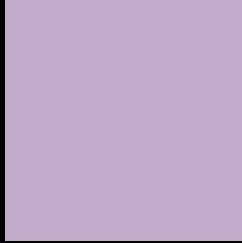
Large Text (above 18pt) WCAG AA × Fail

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 12823500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

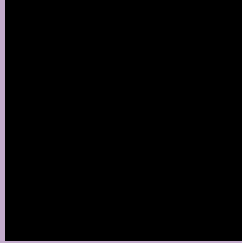
Any Text WCAG AA ✓ Pass

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 12823500 Background



This preview shows how black text looks on a background with the Decimal color 12823500.

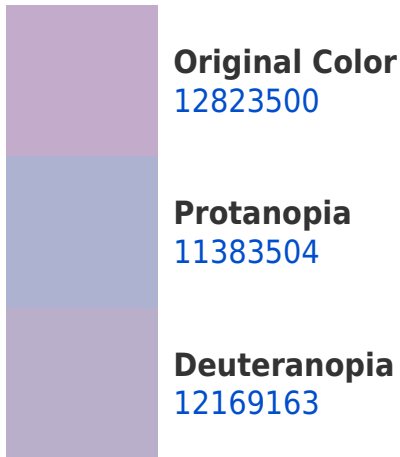



This preview shows how white text looks on a background with the Decimal color 12823500.

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
12627643

Trichromacy



Original Color
12823500

Protanomaly
11907023

Deuteranomaly
12431051

Tritanomaly
12692929

Monochromacy



Original Color
12823500

Achromatopsia
11974326

Achromatomaly
12300990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12823500 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 #C3ABCC looks like.

```
.text, #text, p{  
    color:#C3ABCC  
}
```

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 #C3ABCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3ABCC
}
```

Border

The CSS property to change the border of an element to Decimal 12823500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

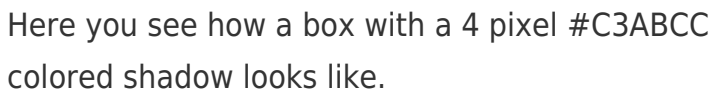
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3ABCC }
```

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

```
.border{ border-color:#C3ABCC }
```

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

A rectangular box with a purple shadow effect. The box is white with a thin purple border. The shadow is a darker purple, offset to the right and bottom of the box, creating a 3D effect.

Here you see how a box with a 4 pixel `#C3ABCC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3ABCC; -webkit-box-shadow:4px 4px  
4px 4px #C3ABCC; box-shadow:4px 4px 4px  
4px #C3ABCC }
```

Background

The CSS property to change the background color of an element to Decimal 12823500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3ABCC }
```

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

```
.background{ background-color:#C3ABCC }
```

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