

Converting Colors

Decimal(12823257)

Have a look what the booklet for
Decimal(12823257) contains.

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Color

Decimal(12823257)

Conversions

Conversions Part 1

Format	Color
Hex	C3AAD9
RGB	195, 170, 217
RGB Percent	76%, 67%, 85%
CMY	0.2353, 0.3333, 0.1490
CMYK	0.10, 0.22, 0.00, 0.15
HSL	272°, 38%, 76%
HSV	272°, 22%, 85%
XYZ	49.4048, 45.3613, 71.7973
YIQ	182.8330, -0.1870, 19.9170

Conversions

Conversions Part 2

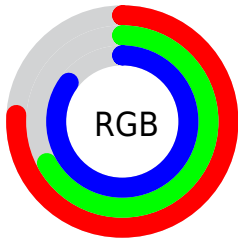
Format	Color
RYB	195, 170, 217
Decimal	12823257
CIELab	73.13, 17.84, -20.41
CIELCh	73, 27.107, 311.162
Yxy	45.3613, 0.2966, 0.2723
Android (android.graphics.Color)	4291013337 (0xFFC3AAD9)
YUV	182.8330, 16.8443, 10.6705
Hunter-Lab	67.3508, 13.0737, -16.0588

Details

The Decimal color **12823257** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12638634**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16572927**, and **9270946** is the 20% darker color. If you saturate the color by 10%, you get **12162265**, and if you desaturate by 10%, it is **13484249**.

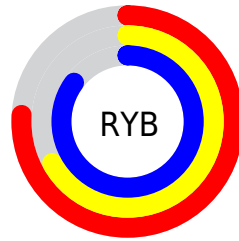
Distribution



Red (76%)

Green (67%)

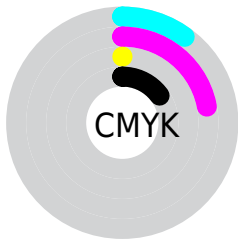
Blue (85%)



Red (76%)

Yellow (67%)

Blue (85%)

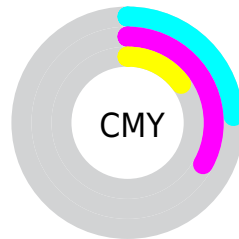


Cyan (10%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (24%)










Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12823257 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 12823257 by changing the saturation by 10% instead.

 12823257	 12823257
16777215	 11046845
 16572927	 9270946
16776959	 7560584
	 5916014
	 4337494
	 2824510
	 1572904
	 275
	 0

 12823257

 12823257

 12162265


 13484249

 11501529

 14144985

 10840537

 14805977

 10114009

 15531993

 9453017

 16187353

 8792281

 16777177

 8131289

 7536857

Harmonies

Analogous

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



10662884



12823257



14394308

Triad

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



12823257



13938053



7258812

Complementary

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



12823257



12638634

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.



8700067



12823257



12367235

Square

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



12823257



14919060



10534030



7061715

Rectangle

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



12823257



14983603



10534030



7651764

Sweetspot

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



12823257



16314623



11190745



8091520



0



8421504

Same Dimension

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



12823257



14728703



14265048



6906734



6029485



1572910

Inverse Universe

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



14265024



16760284



11196843



7234408



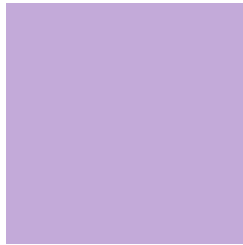
11337809



3014677

Previews

White Background



This preview shows how the Decimal color 12823257 looks on a white background.

Color Contrast Check

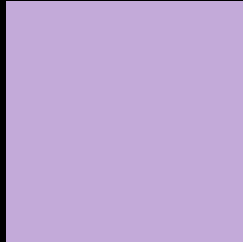
Large Text (above 18pt) WCAG AA × Fail

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 12823257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

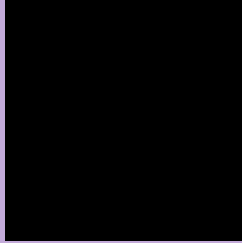
Any Text WCAG AA ✓ Pass

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 12823257 Background



This preview shows how black text looks on a background with the Decimal color 12823257.

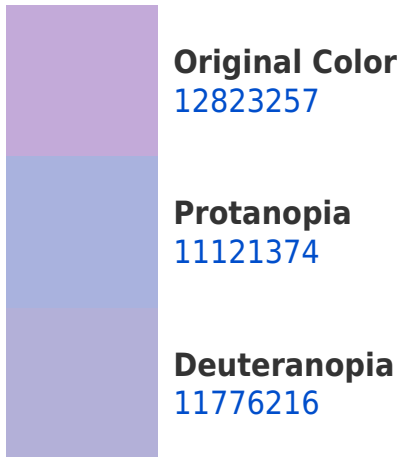



This preview shows how white text looks on a background with the Decimal color 12823257.

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
12562365

Trichromacy



Original Color
12823257

Protanomaly
11710428

Deuteranomaly
12168920

Tritanomaly
12627399

Monochromacy



Original Color
12823257

Achromatopsia
12040119

Achromatomaly
12300995

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12823257 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 #C3AAD9 looks like.

```
.text, #text, p{  
  color:#C3AAD9  
}
```

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 #C3AAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AAD9
}
```

Border

The CSS property to change the border of an element to Decimal 12823257 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
#C3AAD9 }
```

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

```
.border{ border-color:#C3AAD9 }
```

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

Here you see how a box with a 4 pixel #C3AAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AAD9; -webkit-box-shadow:4px 4px  
4px 4px #C3AAD9; box-shadow:4px 4px 4px  
4px #C3AAD9 }
```

Background

The CSS property to change the background color of an element to Decimal 12823257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AAD9 }
```

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

```
.background{ background-color:#C3AAD9 }
```

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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