

# Converting Colors

Decimal(12823245)

Have a look what the booklet for  
Decimal(12823245) contains.

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# **Color**

**Decimal(12823245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AACD
RGB	195, 170, 205
RGB Percent	76%, 67%, 80%
CMY	0.2353, 0.3333, 0.1961
CMYK	0.05, 0.17, 0.00, 0.20
HSL	283°, 26%, 74%
HSV	283°, 17%, 80%
XYZ	47.8998, 44.7593, 63.8724
YIQ	181.4650, 3.6650, 16.1850

# Conversions

## Conversions Part 2

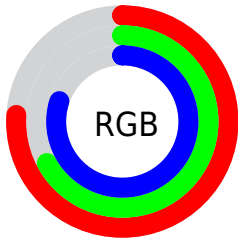
Format	Color
R <sub>YB</sub>	195, 170, 205
Decimal	12823245
CIE Lab	72.73, 15.42, -14.43
CIE LCh	73, 21.125, 316.899
Yxy	44.7593, 0.3060, 0.2859
Android (android.graphics.Color)	4291013325 (0xFFC3AACD)
YUV	181.4650, 11.6028, 11.8702
Hunter-Lab	66.9024, 10.7207, -9.7731

# Details

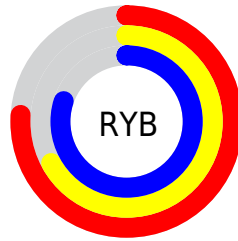
The Decimal color **12823245** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11849130**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16572927**, and **9270935** is the 20% darker color. If you saturate the color by 10%, you get **12424909**, and if you desaturate by 10%, it is **13221837**.

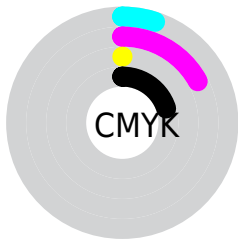
# Distribution



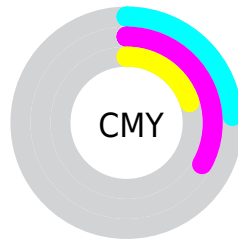
- Red (76%)
- Green (67%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)













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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12823245 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 12823245 by changing the saturation by 10% instead.



 12823245	 12823245
16777215	 11046834
 16572927	 9270935
16776959	 7560573
	 5981540
	 4403020
	 2890293
	 1638432
	 5
	 0

 12823245

 12823245

 12424909

 13221837

 12026317


 13620173

 11627981

 14018765

 11294925

 14351565

 10896589

 14745549

 10497997

 15138765

 10099661

 15531981

 9701069

 15925197

 9568461

 16318413

# Harmonies

## Analogous

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



11251927



12823245



13936316

# Triad

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



12823245



13217421



8306365

# Complementary

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



12823245



11849130

# 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.



9158057



12823245



11974029

# Square

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



12823245



14067863



10533528



8436686

# Rectangle

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



12823245



14329263



10533528



8502966



# Sweetspot

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



12823245



16511743



11187405



8222848



0



8421504



# Same Dimension

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



12823245



15781119



13478598



6511718



7733414



1769510



# Inverse Universe

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



13478580



16764123



11193777



6708319



10879023



2490379



# Previews

## White Background



This preview shows how the Decimal color 12823245 looks on a white background.

## Color Contrast Check

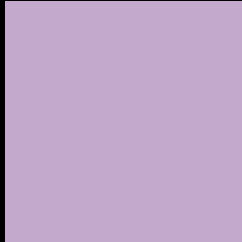
Large Text (above 18pt) WCAG AA × Fail

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 12823245 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

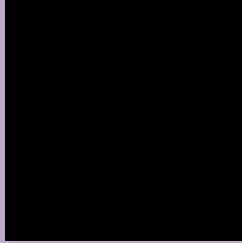
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12823245 Background



This preview shows how black text looks on a background with the Decimal color 12823245.

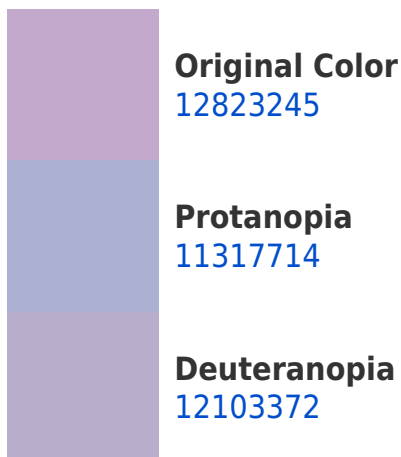



This preview shows how white text looks on a background with the Decimal color 12823245.

# 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**  
12627387

# Trichromacy



**Original Color**  
12823245

**Protanomaly**  
11841232

**Deuteranomaly**  
12365260

**Tritanomaly**  
12692674

# Monochromacy



**Original Color**  
12823245

**Achromatopsia**  
11908533

**Achromatomaly**  
12235198

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12823245 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 #C3AACD looks like.

```
.text, #text, p{  
    color:#C3AACD  
}
```

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 #C3AACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AACD
}
```

## Border

The CSS property to change the border of an element to Decimal 12823245 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
#C3AACD }
```

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

```
.border{ border-color:#C3AACD }
```

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

Here you see how a box with a 4 pixel #C3AACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AACD; -webkit-box-shadow:4px 4px  
4px 4px #C3AACD; box-shadow:4px 4px 4px  
4px #C3AACD }
```

# Background

The CSS property to change the background color of an element to Decimal 12823245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AACD }
```

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

```
.background{ background-color:#C3AACD }
```

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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