

# Converting Colors

Decimal(12425931)

Have a look what the booklet for  
Decimal(12425931) contains.

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# **Color**

**Decimal(12425931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9ACB
RGB	189, 154, 203
RGB Percent	74%, 60%, 80%
CMY	0.2588, 0.3961, 0.2039
CMYK	0.07, 0.24, 0.00, 0.20
HSL	283°, 32%, 70%
HSV	283°, 24%, 80%
XYZ	43.3214, 38.2418, 61.5980
YIQ	170.0510, 5.1310, 22.6590

# Conversions

## Conversions Part 2

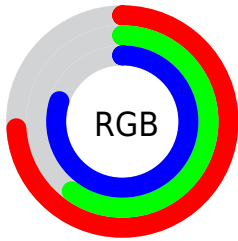
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 154, 203
Decimal	12425931
CIE Lab	68.20, 21.87, -20.24
CIE LCh	68, 29.797, 317.209
Yxy	38.2418, 0.3026, 0.2671
Android (android.graphics.Color)	4290616011 (0xFFBD9ACB)
YUV	170.0510, 16.2439, 16.6183
Hunter-Lab	61.8400, 16.8264, -15.7701

# Details

The Decimal color **12425931** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11062170**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16175615**, and **8873877** is the 20% darker color. If you saturate the color by 10%, you get **12027595**, and if you desaturate by 10%, it is **12824267**.

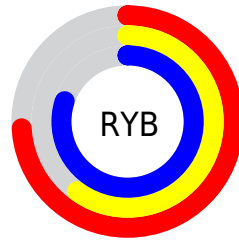
# Distribution



Red (74%)

Green (60%)

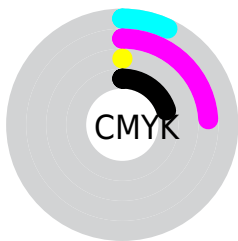
Blue (80%)



Red (74%)

Yellow (60%)

Blue (80%)

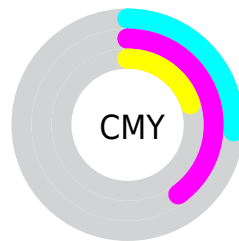


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (40%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12425931 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 12425931 by changing the saturation by 10% instead.




 12425931

 12425931


16777215

 10649776

 16175615

 8873877

 16772607

 7163515

 5584738

 4006218

 2493491

 1048606

 0

 12425931

 12425931

 12027595

 12824267

 11629003

 13222859

 11296203

 13555659

 10897867

 13953995

 10499531

 14352331

 10100939

 14745547

 9702603

 15138763

 9502923

 15466443

 15859659

# Harmonies

## Analogous

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



10134489



12425931



13931443

# Triad

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



12425931



12886386



5486005

# Complementary

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



12425931



11062170

# 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.



7124121



12425931



11118962

# Square

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



12425931



14063744



9154689



5485261

# Rectangle

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



12425931



14389921



9154689



5879212



# Sweetspot

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



12425931



16444927



10136011



8222080



0



8421504



# Same Dimension

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



12425931



15382015



13343425



6511718



7733414



1769510



# Inverse Universe

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



13343400



16758218



10144676



6708319



10879023

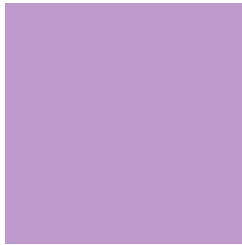


2490379



# Previews

## White Background



This preview shows how the Decimal color 12425931 looks on a white background.

## Color Contrast Check

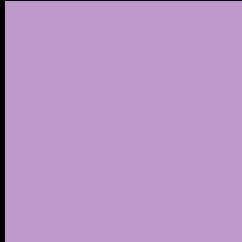
Large Text (above 18pt) WCAG AA × Fail

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 12425931 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

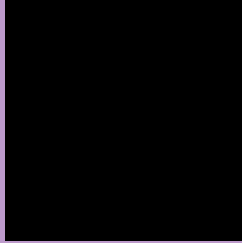
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12425931 Background



This preview shows how black text looks on a background with the Decimal color 12425931.

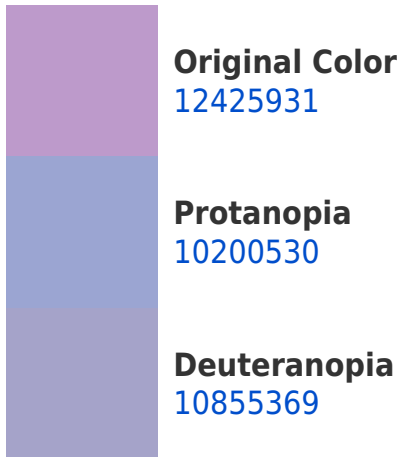


This preview shows how white text looks on a background with the Decimal color 12425931.

# 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**  
12099756

# Trichromacy



**Original Color**  
12425931

**Protanomaly**  
10985935

**Deuteranomaly**  
11444426

**Tritanomaly**  
12230327

# Monochromacy



**Original Color**  
12425931

**Achromatopsia**  
11184810

**Achromatomaly**  
11642038

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12425931 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 #BD9ACB looks like.

```
.text, #text, p{  
    color:#BD9ACB  
}
```

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 #BD9ACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9ACB
}
```

## Border

The CSS property to change the border of an element to Decimal 12425931 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
#BD9ACB }
```

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

```
.border{ border-color:#BD9ACB }
```

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

Here you see how a box with a 4 pixel #BD9ACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9ACB; -webkit-box-shadow:4px 4px  
4px 4px #BD9ACB; box-shadow:4px 4px 4px  
4px #BD9ACB }
```

# Background

The CSS property to change the background color of an element to Decimal 12425931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9ACB }
```

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

```
.background{ background-color:#BD9ACB }
```

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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