

# Converting Colors

Decimal(12294869)

Have a look what the booklet for  
Decimal(12294869) contains.

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# **Color**

**Decimal(12294869)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB9AD5
RGB	187, 154, 213
RGB Percent	73%, 60%, 84%
CMY	0.2667, 0.3961, 0.1647
CMYK	0.12, 0.28, 0.00, 0.16
HSL	274°, 41%, 72%
HSV	274°, 28%, 84%
XYZ	44.0594, 38.4801, 68.0560
YIQ	170.5930, 0.7290, 25.3450

# Conversions

## Conversions Part 2

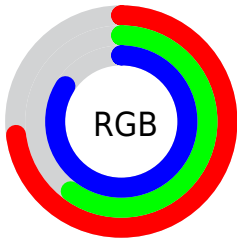
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 154, 213
Decimal	12294869
CIELab	68.37, 23.29, -25.53
CIElCh	68, 34.555, 312.369
Yxy	38.4801, 0.2926, 0.2555
Android (android.graphics.Color)	4290484949 (0xFFBB9AD5)
YUV	170.5930, 20.9067, 14.3889
Hunter-Lab	62.0323, 18.2256, -21.6248

# Details

The Decimal color **12294869** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11851162**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16044543**, and **8742814** is the 20% darker color. If you saturate the color by 10%, you get **11699669**, and if you desaturate by 10%, it is **12890069**.

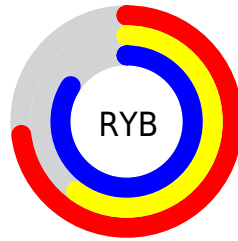
# Distribution



Red (73%)

Green (60%)

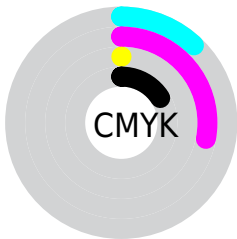
Blue (84%)



Red (73%)

Yellow (60%)

Blue (84%)

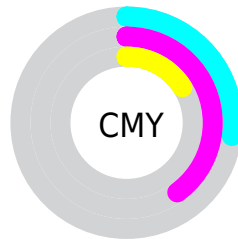


Cyan (12%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (40%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12294869 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 12294869 by changing the saturation by 10% instead.



12294869

12294869

16777215

10518713

16044543

8742814

16772607

7032452

5388139

3809618

2296891

917541

269

0

 12294869

 12294869

 11699669

 12890069

 11038677

 13551061

 10443477

 14146261

 9782741

 14806997

 9187285

 15400917

 8592085

 15990741

 7931349

 16646101

 7798997

 16777173

# Harmonies

## Analogous

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



9479651



12294869



14193082

# Triad

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



12294869



13409900



4241587

# Complementary

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



12294869



11851162

# 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.



6731411



12294869



11512169

# Square

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



12294869



14652542



9220472



3519952

# Rectangle

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



12294869



14847909



9220472



5028008



# Sweetspot

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



12294869



16182271



10139093



8024960



0



8421504



# Same Dimension

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



12294869



14330879



13998802



6709355



6291627



1572907



# Inverse Universe

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



13998772



16755664



10147229



7037029



11206731

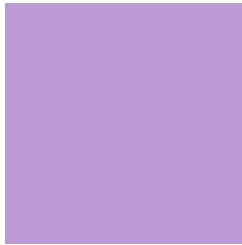


2818067



# Previews

## White Background



This preview shows how the Decimal color 12294869 looks on a white background.

## Color Contrast Check

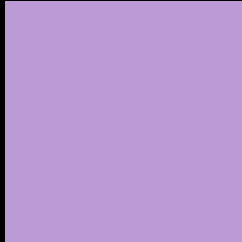
Large Text (above 18pt) WCAG AA × Fail

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 12294869 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

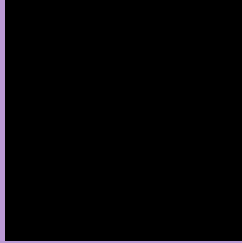
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12294869 Background



This preview shows how black text looks on a background with the Decimal color 12294869.



This preview shows how white text looks on a background with the Decimal color 12294869.

# 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](#).

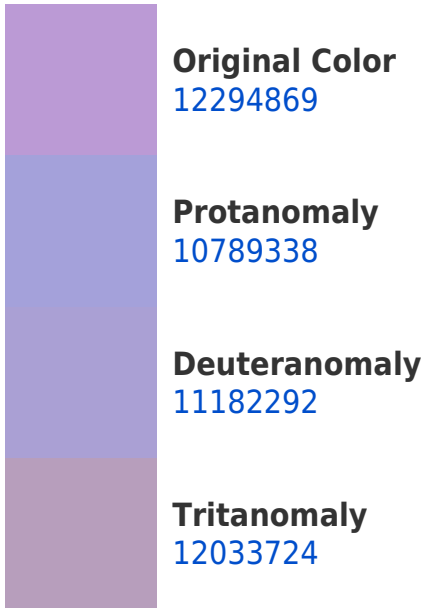
## Dichromacy





**Tritanopia**  
11903406

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12294869 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 #BB9AD5 looks like.

```
.text, #text, p{  
  color:#BB9AD5  
}
```

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 #BB9AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9AD5
}
```

## Border

The CSS property to change the border of an element to Decimal 12294869 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
#BB9AD5 }
```

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

```
.border{ border-color:#BB9AD5 }
```

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

Here you see how a box with a 4 pixel #BB9AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9AD5; -webkit-box-shadow:4px 4px  
4px 4px #BB9AD5; box-shadow:4px 4px 4px  
4px #BB9AD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12294869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9AD5 }
```

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

```
.background{ background-color:#BB9AD5 }
```

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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