

# Converting Colors

Decimal(12421799)

Have a look what the booklet for  
Decimal(12421799) contains.

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# **Color**

**Decimal(12421799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8AA7
RGB	189, 138, 167
RGB Percent	74%, 54%, 65%
CMY	0.2588, 0.4588, 0.3451
CMYK	0.00, 0.27, 0.12, 0.26
HSL	326°, 28%, 64%
HSV	326°, 27%, 74%
XYZ	37.0498, 31.7858, 40.7418
YIQ	156.5550, 21.0870, 19.8310

# Conversions

## Conversions Part 2

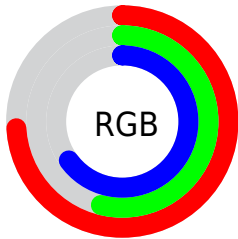
Format	Color
<a href="#">RYB</a>	<a href="#">189, 138, 167</a>
Decimal	<a href="#">12421799</a>
CIELab	<a href="#">63.17, 24.02, -7.63</a>
CIELCh	<a href="#">63, 25.198, 342.380</a>
Yxy	<a href="#">31.7858, 0.3381, 0.2901</a>
Android (android.graphics.Color)	<a href="#">4290611879</a> ( <a href="#">0xFFBD8AA7</a> )
YUV	<a href="#">156.5550, 5.1494, 28.4543</a>
Hunter-Lab	<a href="#">56.3789, 18.6395, -3.3802</a>

# Details

The Decimal color **12421799** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9092512**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16171230**, and **8869747** is the 20% darker color. If you saturate the color by 10%, you get **12416927**, and if you desaturate by 10%, it is **12426671**.

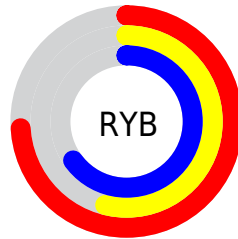
# Distribution



Red (74%)

Green (54%)

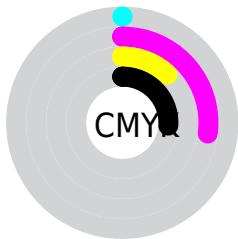
Blue (65%)



Red (74%)

Yellow (54%)

Blue (65%)

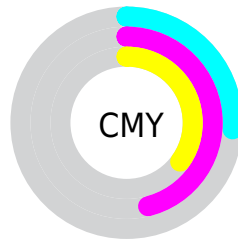


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12421799 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 12421799 by changing the saturation by 10% instead.



 12421799

 12421799

16777215

 10645645

 16171230

 8869747

 16768251

 7159899

 16775679

 5515587

 3936813

 2555929

 0

 12421799

 12421799

 12416927

 12426671

 12412055

 12431543

 12407183

 12436415

 12402310

 12441288

 12397438

 12446160

 12392822

 12450776

 12387950

 12451808

 12386411

 12451816

 12451824

# Harmonies

## Analogous

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



11047098



12421799



13011344

# Triad

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



12421799



10525293



5678262

# Complementary

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



12421799



9092512

# 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.



5875106



12421799



8823159

# Square

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



12421799



11899759



7185547



7053251

# Rectangle

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



12421799



12946050



7185547



5547440



# Sweetspot

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



12421799



16114156



10455741



8023669



16448250



8026746



# Same Dimension

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



12421799



16099027



12421774



6182234



10354778



2031633



# Inverse Universe

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



12421799



16099027



9092537



6182234



10354778

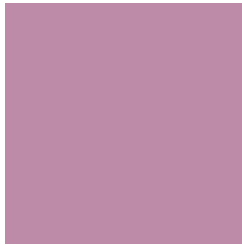


2031633



# Previews

## White Background



This preview shows how the Decimal color 12421799 looks on a white background.

## Color Contrast Check

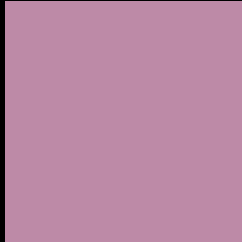
Large Text (above 18pt) WCAG AA × Fail

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 12421799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

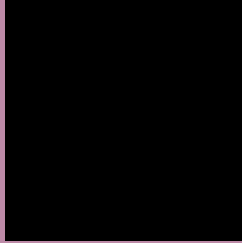
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12421799 Background



This preview shows how black text looks on a background with the Decimal color 12421799.



This preview shows how white text looks on a background with the Decimal color 12421799.

# 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



**Original Color**  
12421799

**Protanopia**  
9803952

**Deuteranopia**  
10720677



**Tritanopia**  
12291480

# Trichromacy



**Original Color**  
12421799

**Protanomaly**  
10785709

**Deuteranomaly**  
11309478

**Tritanomaly**  
12356765

# Monochromacy



**Original Color**  
12421799

**Achromatopsia**  
10329501

**Achromatomaly**  
11114145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12421799 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 #BD8AA7 looks like.

```
.text, #text, p{  
    color:#BD8AA7  
}
```

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 #BD8AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8AA7
}
```

## Border

The CSS property to change the border of an element to Decimal 12421799 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
#BD8AA7 }
```

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

```
.border{ border-color:#BD8AA7 }
```

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

Here you see how a box with a 4 pixel #BD8AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8AA7; -webkit-box-shadow:4px 4px  
4px 4px #BD8AA7; box-shadow:4px 4px 4px  
4px #BD8AA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12421799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8AA7 }
```

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

```
.background{ background-color:#BD8AA7 }
```

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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