

# Converting Colors

Decimal(12420012)

Have a look what the booklet for  
Decimal(12420012) contains.

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# **Color**

**Decimal(12420012)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD83AC
RGB	189, 131, 172
RGB Percent	74%, 51%, 67%
CMY	0.2588, 0.4863, 0.3255
CMYK	0.00, 0.31, 0.09, 0.26
HSL	318°, 31%, 63%
HSV	318°, 31%, 74%
XYZ	36.5490, 30.0300, 42.8997
YIQ	153.0160, 21.4070, 25.0470

# Conversions

## Conversions Part 2

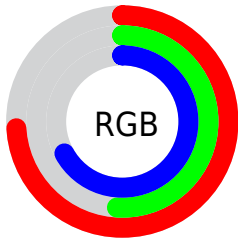
Format	Color
R <sub>Y</sub> B	189, 131, 172
Decimal	12420012
CIE Lab	61.68, 28.77, -12.69
CIE LCh	62, 31.440, 336.196
Yxy	30.0300, 0.3338, 0.2743
Android (android.graphics.Color)	4290610092 (0xFFBD83AC)
YUV	153.0160, 9.3591, 31.5580
Hunter-Lab	54.7996, 23.1524, -8.0553

# Details

The Decimal color **12420012** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8633748**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16169443**, and **8868216** is the 20% darker color. If you saturate the color by 10%, you get **12415142**, and if you desaturate by 10%, it is **12424882**.

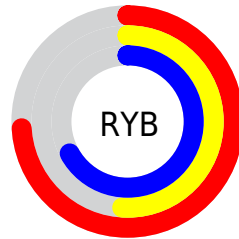
# Distribution



Red (74%)

Green (51%)

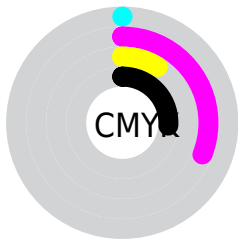
Blue (67%)



Red (74%)

Yellow (51%)

Blue (67%)

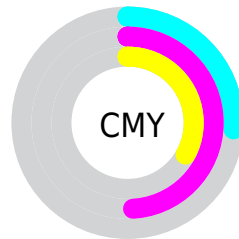


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12420012 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 12420012 by changing the saturation by 10% instead.



 12420012

 12420012


16777215

 10643857

 16169443

 8868216

 16766463

 7158111

 16773631

 5513543

 3868977

 2555932

 0

 12420012

 12420012

 12415142

 12424882

 12410273

 12429751

 12405403

 12434621

 12400534

 12439490

 12395664

 12444360

 12391051

 12448973

 12386438

 12451795

 12451800

 12451806

# Harmonies

## Analogous

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



10521794



12420012



13336720

# Triad

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



12420012



10655069



3122101

# Complementary

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



12420012



8633748

# 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.



4236442



12420012



8691047

# Square

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



12420012



12225635



6529662



4955847

# Rectangle

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



12420012



13336958



6529662



3187885



# Sweetspot

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



12420012



16113646



9667517



8023414



16448250



8026746



# Same Dimension

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



12420012



16095962



12419984



6182236



10354800



2031638



# Inverse Universe

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



12420012



16095962



8633776



6182236



10354800

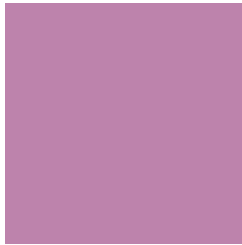


2031638



# Previews

## White Background



This preview shows how the Decimal color 12420012 looks on a white background.

## Color Contrast Check

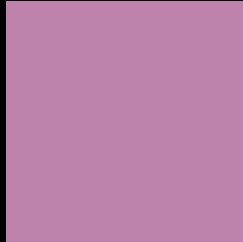
Large Text (above 18pt) WCAG AA ✓ Pass

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 12420012 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 12420012 Background



This preview shows how black text looks on a background with the Decimal color 12420012.




This preview shows how white text looks on a background with the Decimal color 12420012.

# 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**  
12224658

# Trichromacy



**Original Color**  
12420012

**Protanomaly**  
10391219

**Deuteranomaly**  
10980522

**Tritanomaly**  
12289691

# Monochromacy



**Original Color**  
12420012

**Achromatopsia**  
10066329

**Achromatomaly**  
10916256

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12420012 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 #BD83AC looks like.

```
.text, #text, p{  
  color:#BD83AC  
}
```

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 #BD83AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD83AC
}
```

## Border

The CSS property to change the border of an element to Decimal 12420012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

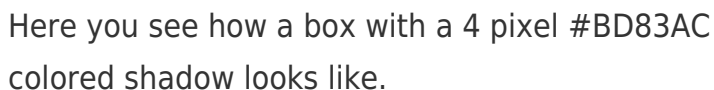
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD83AC }
```

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

```
.border{ border-color:#BD83AC }
```

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



Here you see how a box with a 4 pixel `#BD83AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD83AC; -webkit-box-shadow:4px 4px  
4px 4px #BD83AC; box-shadow:4px 4px 4px  
4px #BD83AC }
```

# Background

The CSS property to change the background color of an element to Decimal 12420012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD83AC }
```

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

```
.background{ background-color:#BD83AC }
```

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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