

# Converting Colors

Decimal(12230347)

Have a look what the booklet for  
Decimal(12230347) contains.

<b>Decimal(12230347)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12230347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9ECB
RGB	186, 158, 203
RGB Percent	73%, 62%, 80%
CMY	0.2706, 0.3804, 0.2039
CMYK	0.08, 0.22, 0.00, 0.20
HSL	277°, 30%, 71%
HSV	277°, 22%, 80%
XYZ	43.2561, 39.2046, 61.7873
YIQ	171.5020, 2.2430, 19.9310

# Conversions

## Conversions Part 2

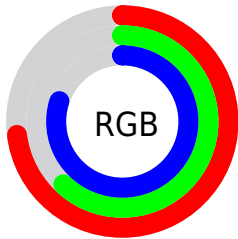
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 158, 203
Decimal	12230347
CIELab	68.90, 18.65, -19.20
CIELCh	69, 26.770, 314.167
Yxy	39.2046, 0.2999, 0.2718
Android (android.graphics.Color)	4290420427 (0xFFBA9ECB)
YUV	171.5020, 15.5285, 12.7147
Hunter-Lab	62.6136, 13.7414, -14.6781

# Details

The Decimal color **12230347** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11520926**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **15914495**, and **8678037** is the 20% darker color. If you saturate the color by 10%, you get **11700939**, and if you desaturate by 10%, it is **12759755**.

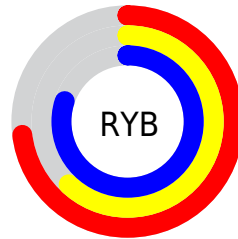
# Distribution



Red (73%)

Green (62%)

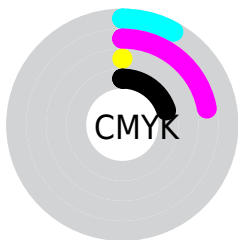
Blue (80%)



Red (73%)

Yellow (62%)

Blue (80%)

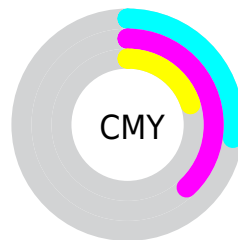


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (38%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12230347 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 12230347 by changing the saturation by 10% instead.



■ 12230347

■ 12230347

16777215

■ 10454192

■ 15914495

■ 8678037

■ 16773631

■ 7033467

■ 5389154

■ 3876170

■ 2363443

■ 983070

■ 0

■ 12230347

■ 12230347

11700939

12759755

11236811

13223883

10707403

13753291

10177995

14282699

9714123

14745547

9184459

15269835

8655051

15794123

8257739

16252875

16777163

# Harmonies

## Analogous

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



10135255



12230347



13670582

# Triad

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



12230347



12952186



6469299

# Complementary

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



12230347



11520926

# 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.



7845274



12230347



11446905

# Square

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



12230347



13998983



9679237



6403273

# Rectangle

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



12230347



14194342



9679237



6862507



# Sweetspot

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



12230347



16313855



10399691



8156544



0



8421504



# Same Dimension

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



12230347



15055615



13344454



6446182



6750374



1572902



# Inverse Universe

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



13344431



16759508



10406819



6708320



10879039

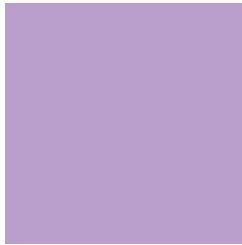


2490382



# Previews

## White Background



This preview shows how the Decimal color 12230347 looks on a white background.

## Color Contrast Check

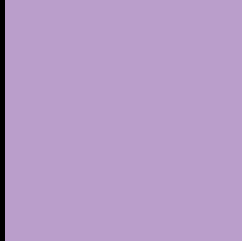
Large Text (above 18pt) WCAG AA × Fail

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 12230347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

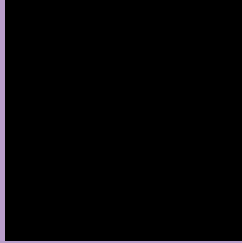
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12230347 Background



This preview shows how black text looks on a background with the Decimal color 12230347.

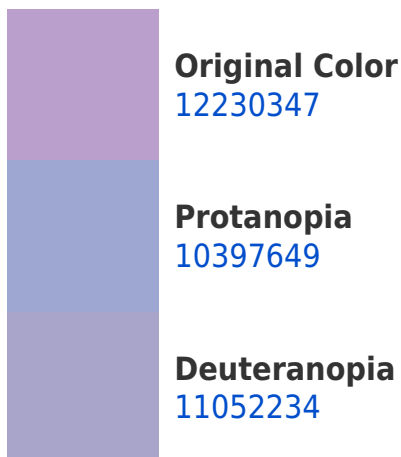



This preview shows how white text looks on a background with the Decimal color 12230347.

# 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**  
11969456

# Trichromacy



**Original Color**  
12230347

**Protanomaly**  
11052239

**Deuteranomaly**  
11510474

**Tritanomaly**  
12034490

# Monochromacy



**Original Color**  
12230347

**Achromatopsia**  
11316396

**Achromatomaly**  
11642807

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12230347 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 #BA9ECB looks like.

```
.text, #text, p{  
    color:#BA9ECB  
}
```

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 #BA9ECB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9ECB
}
```

## Border

The CSS property to change the border of an element to Decimal 12230347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

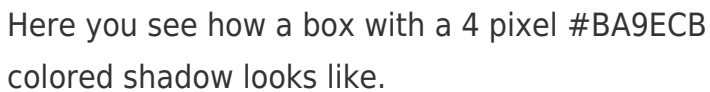
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA9ECB }
```

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

```
.border{ border-color:#BA9ECB }
```

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



Here you see how a box with a 4 pixel #BA9ECB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9ECB; -webkit-box-shadow:4px 4px  
4px 4px #BA9ECB; box-shadow:4px 4px 4px  
4px #BA9ECB }
```

# Background

The CSS property to change the background color of an element to Decimal 12230347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9ECB }
```

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

```
.background{ background-color:#BA9ECB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor