

Converting Colors

Decimal(12487342)

Have a look what the booklet for
Decimal(12487342) contains.

Decimal(12487342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12487342)

Conversions

Conversions Part 1

Format	Color
Hex	BE8AAE
RGB	190, 138, 174
RGB Percent	75%, 54%, 68%
CMY	0.2549, 0.4588, 0.3176
CMYK	0.00, 0.27, 0.08, 0.25
HSL	318°, 29%, 64%
HSV	318°, 27%, 75%
XYZ	37.9637, 32.1801, 44.2549
YIQ	157.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

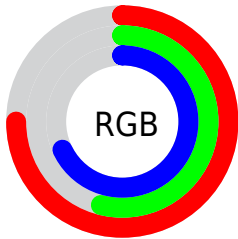
Format	Color
R _Y B	190, 138, 174
Decimal	12487342
CIE Lab	63.49, 25.59, -11.09
CIE LCh	63, 27.891, 336.561
Yxy	32.1801, 0.3319, 0.2813
Android (android.graphics.Color)	4290677422 (0xFFBE8AAE)
YUV	157.6520, 8.0596, 28.3692
Hunter-Lab	56.7275, 20.1842, -6.5447

Details

The Decimal color **12487342** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9092762**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16236773**, and **8935290** is the 20% darker color. If you saturate the color by 10%, you get **12482472**, and if you desaturate by 10%, it is **12492212**.

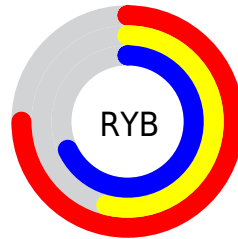
Distribution



Red (75%)

Green (54%)

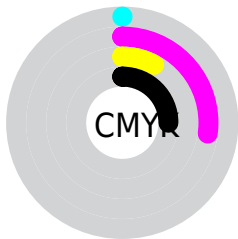
Blue (68%)



Red (75%)

Yellow (54%)

Blue (68%)

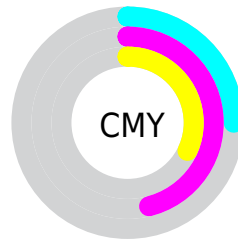


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12487342 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 12487342 by changing the saturation by 10% instead.



12487342



12487342

16777215



10711187



16236773



8935290



16768255



7225185



16775679



5580873



4002354



2555933



0



12487342



12487342



12482472



12492212

 12477602

 12497082

 12472732

 12501952

 12467863

 12506821

 12462993

 12511691

 12458123

 12516561

 12453253

 12517335

 12451972

 12517341

 12517347

Harmonies

Analogous

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



10785218



12487342



13338517

Triad

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



12487342



10918504



4892342

Complementary

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



12487342



9092762

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.



5548191



12487342



9150833

Square

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



12487342



12358253



7251589



6202055

Rectangle

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



12487342



13339013



7251589



4892591

Sweetspot

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



12487342



16246001



10128062



8220793



16579836



8224125

Same Dimension

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



12487342



16230110



12487316



6182235



10354797



2031637

Inverse Universe

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



12487342



16230110



9092788



6182235



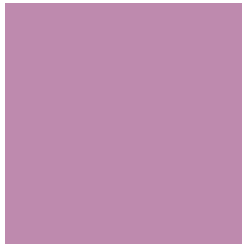
10354797



2031637

Previews

White Background



This preview shows how the Decimal color 12487342 looks on a white background.

Color Contrast Check

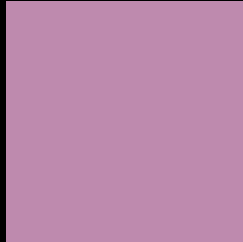
Large Text (above 18pt) WCAG AA × Fail

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 12487342 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 12487342 Background



This preview shows how black text looks on a background with the Decimal color 12487342.




This preview shows how white text looks on a background with the Decimal color 12487342.

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
12291737

Trichromacy



Original Color
12487342

Protanomaly
10720436

Deuteranomaly
11309741

Tritanomaly
12357025

Monochromacy



Original Color
12487342

Achromatopsia
10395294

Achromatomaly
11179940

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12487342 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 #BE8AAE looks like.

```
.text, #text, p{  
  color:#BE8AAE  
}
```

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 #BE8AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE8AAE
}
```

Border

The CSS property to change the border of an element to Decimal 12487342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

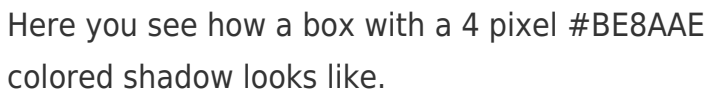
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE8AAE }
```

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

```
.border{ border-color:#BE8AAE }
```

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



Here you see how a box with a 4 pixel #BE8AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE8AAE; -webkit-box-shadow:4px 4px  
4px 4px #BE8AAE; box-shadow:4px 4px 4px  
4px #BE8AAE }
```

Background

The CSS property to change the background color of an element to Decimal 12487342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE8AAE }
```

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

```
.background{ background-color:#BE8AAE }
```

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