

Converting Colors

Decimal(12877227)

Have a look what the booklet for
Decimal(12877227) contains.

Decimal(12877227)	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(12877227)

Conversions

Conversions Part 1

Format	Color
Hex	C47DAB
RGB	196, 125, 171
RGB Percent	77%, 49%, 67%
CMY	0.2314, 0.5098, 0.3294
CMYK	0.00, 0.36, 0.13, 0.23
HSL	321°, 38%, 63%
HSV	321°, 36%, 77%
XYZ	37.4493, 29.3433, 42.2181
YIQ	151.4730, 27.5500, 29.3580

Conversions

Conversions Part 2

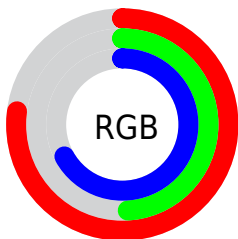
Format	Color
R _Y B	196, 125, 171
Decimal	12877227
CIE Lab	61.08, 34.30, -12.94
CIE LCh	61, 36.657, 339.333
Yxy	29.3433, 0.3435, 0.2692
Android (android.graphics.Color)	4291067307 (0xFFC47DAB)
YUV	151.4730, 9.6268, 39.0502
Hunter-Lab	54.1694, 28.6069, -8.2903

Details

The Decimal color **12877227** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8242326**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16692194**, and **9259639** is the 20% darker color. If you saturate the color by 10%, you get **12872100**, and if you desaturate by 10%, it is **12882354**.

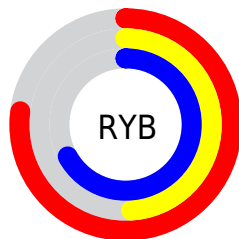
Distribution



Red (77%)

Green (49%)

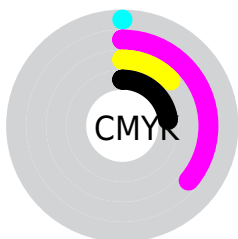
Blue (67%)



Red (77%)

Yellow (49%)

Blue (67%)

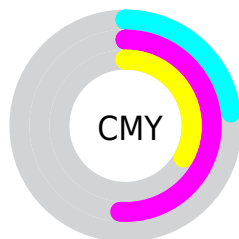


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12877227 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 12877227 by changing the saturation by 10% instead.

 12877227

 12877227

16777215

 11035536

 16692194

 9259639


 16764927

 7483998

 16772095

 5839174

 4194352

 2818075

 0

 12877227

 12877227

 12872100

 12882354

 12867229

 12887225

 12862102

 12892352

 12857231

 12897223

 12852104

 12902350

 12846978

 12907476

 12845183

 12910555

 12910562

 12910569

Harmonies

Analogous

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



10782662



12877227



13793930

Triad

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



12877227



10392914



41915

Complementary

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



12877227



8242326

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.



1353117



12877227



8101216

Square

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



12877227



12290647



5415803



3448271

Rectangle

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



12877227



13728885



5415803



42162

Sweetspot

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



12877227



16770037



9862596



8417146



0



8421504

Same Dimension

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



12877227



16749016



12877192



6379357



10551400



2162709

Inverse Universe

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



12877227



16749016



8242361



6379357



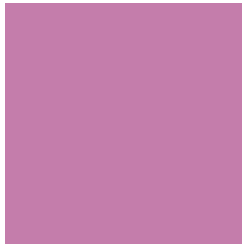
10551400



2162709

Previews

White Background



This preview shows how the Decimal color 12877227 looks on a white background.

Color Contrast Check

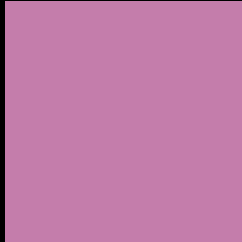
Large Text (above 18pt) WCAG AA ✓ Pass

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 12877227 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 × Fail

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

Decimal 12877227 Background



This preview shows how black text looks on a background with the Decimal color 12877227.




This preview shows how white text looks on a background with the Decimal color 12877227.

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
12616589

Trichromacy



Original Color

12877227



Protanomaly

10455732



Deuteranomaly

11110825



Tritanomaly

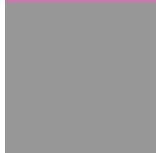
12681624

Monochromacy



Original Color

12877227



Achromatopsia

9934743



Achromatomaly

10981022

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12877227 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 #C47DAB looks like.

```
.text, #text, p{  
    color:#C47DAB  
}
```

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 #C47DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47DAB
}
```

Border

The CSS property to change the border of an element to Decimal 12877227 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
#C47DAB }
```

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

```
.border{ border-color:#C47DAB }
```

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

Here you see how a box with a 4 pixel #C47DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47DAB; -webkit-box-shadow:4px 4px  
4px 4px #C47DAB; box-shadow:4px 4px 4px  
4px #C47DAB }
```

Background

The CSS property to change the background color of an element to Decimal 12877227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47DAB }
```

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

```
.background{ background-color:#C47DAB }
```

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