

Converting Colors

Decimal(12809674)

Have a look what the booklet for
Decimal(12809674) contains.

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Color

Decimal(12809674)

Conversions

Conversions Part 1

Format	Color
Hex	C375CA
RGB	195, 117, 202
RGB Percent	76%, 46%, 79%
CMY	0.2353, 0.5412, 0.2078
CMYK	0.03, 0.42, 0.00, 0.21
HSL	295°, 45%, 63%
HSV	295°, 42%, 79%
XYZ	39.5276, 28.5889, 59.3120
YIQ	150.0120, 19.2030, 42.9710

Conversions

Conversions Part 2

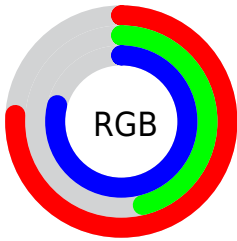
Format	Color
RYB	195, 117, 202
Decimal	12809674
CIELab	60.42, 43.83, -31.59
CIElCh	60, 54.025, 324.222
Yxy	28.5889, 0.3102, 0.2244
Android (android.graphics.Color)	4290999754 (0xFFC375CA)
YUV	150.0120, 25.6301, 39.4545
Hunter-Lab	53.4686, 38.3892, -28.3415

Details

The Decimal color **12809674** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8178293**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16624639**, and **9192084** is the 20% darker color. If you saturate the color by 10%, you get **12673482**, and if you desaturate by 10%, it is **12945866**.

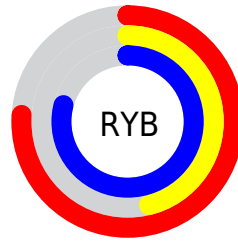
Distribution



Red (76%)

Green (46%)

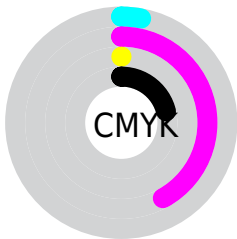
Blue (79%)



Red (76%)

Yellow (46%)

Blue (79%)

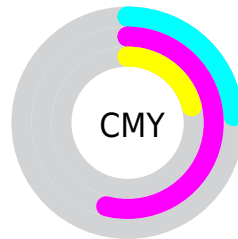


Cyan (3%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12809674 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 12809674 by changing the saturation by 10% instead.

 12809674

 12809674

16777215

 10967982

 16624639

 9192084

 16762879

 7415930

 16770047

 5704288

 3997768

 2687026

 27

 0

 12809674

 12809674


 12673482

 12945866

 12602826

 13016522

 12466378

 13152970

 12330186

 13289162

 12259530

 13359818

 12124362

 13496010

 13631434

 13696970

 13828042

Harmonies

Analogous

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



8620521



12809674



14903197

Triad

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



12809674



11766829



43447

Complementary

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



12809674



8178293

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.



43143



12809674



8821556

Square

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



12809674



14056005



4826199



42206

Rectangle

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



12809674



15296381



4826199



43432

Sweetspot

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



12809674



16572159



7699658



8285056



0



8421504

Same Dimension

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



12809674



16089343



13268391



6642790



9961638



2293798

Inverse Universe

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



13268348



16744586



7719576



6708317



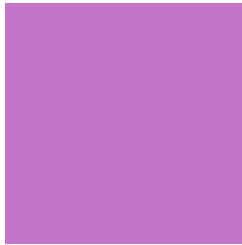
10878990



2490371

Previews

White Background



This preview shows how the Decimal color 12809674 looks on a white background.

Color Contrast Check

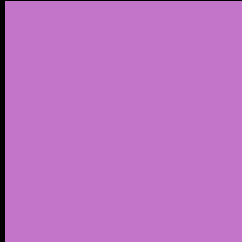
Large Text (above 18pt) WCAG AA ✓ Pass

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 12809674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

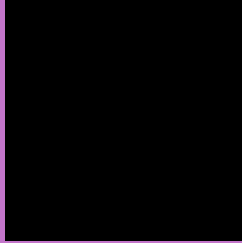
Any Text WCAG AA ✓ Pass

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 12809674 Background



This preview shows how black text looks on a background with the Decimal color 12809674.



This preview shows how white text looks on a background with the Decimal color 12809674.

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
12288908

Trichromacy



Original Color
12809674



Protanomaly
9602775



Deuteranomaly
10192583



Tritanomaly
12484259

Monochromacy



Original Color
12809674



Achromatopsia
9868950



Achromatomaly
10914473

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12809674 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 #C375CA looks like.

```
.text, #text, p{  
    color:#C375CA  
}
```

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 #C375CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C375CA
}
```

Border

The CSS property to change the border of an element to Decimal 12809674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

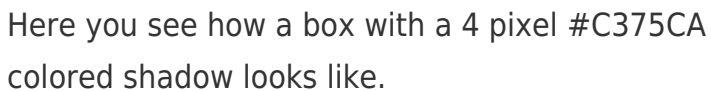
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C375CA }
```

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

```
.border{ border-color:#C375CA }
```

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



Here you see how a box with a 4 pixel `#C375CA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C375CA; -webkit-box-shadow:4px 4px  
4px 4px #C375CA; box-shadow:4px 4px 4px  
4px #C375CA }
```

Background

The CSS property to change the background color of an element to Decimal 12809674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C375CA }
```

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

```
.background{ background-color:#C375CA }
```

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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