

Converting Colors

Decimal(13018309)

Have a look what the booklet for
Decimal(13018309) contains.

| | |
|--|----|
| Decimal(13018309) | 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(13018309)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6A4C5 |
| RGB | 198, 164, 197 |
| RGB Percent | 78%, 64%, 77% |
| CMY | 0.2235, 0.3569, 0.2275 |
| CMYK | 0.00, 0.17, 0.01, 0.22 |
| HSL | 302°, 23%, 71% |
| HSV | 302°, 17%, 78% |
| XYZ | 46.6422, 42.5879, 58.5853 |
| YIQ | 177.9280, 9.6710, 17.4710 |

Conversions

Conversions Part 2

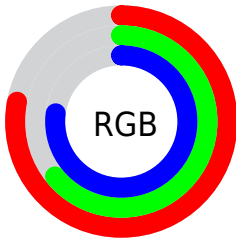
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 198, 164, 197 |
| Decimal | 13018309 |
| CIE Lab | 71.27, 18.20, -12.20 |
| CIE LCh | 71, 21.908, 326.171 |
| Yxy | 42.5879, 0.3155, 0.2881 |
| Android (android.graphics.Color) | 4291208389 (0xFFC6A4C5) |
| YUV | 177.9280, 9.4025, 17.6031 |
| Hunter-Lab | 65.2594, 13.3736, -7.5448 |

Details

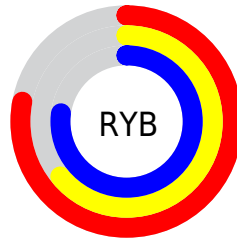
The Decimal color **13018309** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10798757**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16767998**, and **9465999** is the 20% darker color. If you saturate the color by 10%, you get **13013188**, and if you desaturate by 10%, it is **13023430**.

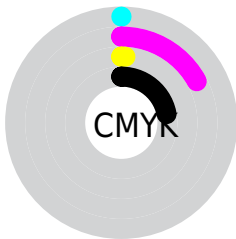
Distribution



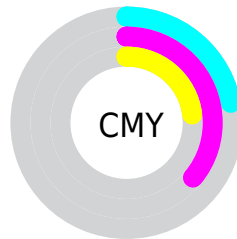
- Red (78%)
- Green (64%)
- Blue (77%)



- Red (78%)
- Yellow (64%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13018309 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 13018309 by changing the saturation by 10% instead.

 13018309

 13018309

16777215

 11242154

 16767998

 9465999

 16775423

 7755638

 6111325

 4532549

 3019823

 1835035

 0

 13018309

 13018309

 13013188

 13023430

 13008068

 13028550

 13003203

 13033415

 12998083

 13038535

 12992962

 13041608

 12987842

 13041609

 12982721

 13041610

 12977856

 12976320

Harmonies

Analogous

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



11512530



13018309



13935026

Triad

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



13018309



12627079



7846591

Complementary

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



13018309



10798757

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.



8436395



13018309



11252618

Square

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



13018309



13674126



9746328



8304591

Rectangle

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



13018309



14197156



9746328



7912121

Sweetspot

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



13018309



16773887



10855622



8419455



0



8421504

Same Dimension

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



13018309



16763389



13018292



6511203



10682526



2359331

Inverse Universe

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



13018309



16763389



10798774



6511203



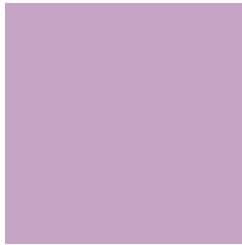
10682526



2359331

Previews

White Background



This preview shows how the Decimal color 13018309 looks on a white background.

Color Contrast Check

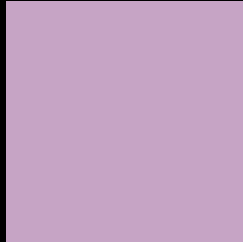
Large Text (above 18pt) WCAG AA × Fail

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 13018309 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 13018309 Background



This preview shows how black text looks on a background with the Decimal color 13018309.



This preview shows how white text looks on a background with the Decimal color 13018309.

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
12887988

Trichromacy



Original Color
13018309

Protanomaly
11840201

Deuteranomaly
12363972

Tritanomaly
12953274

Monochromacy



Original Color
13018309

Achromatopsia
11711154

Achromatomaly
12168633

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13018309 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 #C6A4C5 looks like.

```
.text, #text, p{  
    color:#C6A4C5  
}
```

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 #C6A4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A4C5
}
```

Border

The CSS property to change the border of an element to Decimal 13018309 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
#C6A4C5 }
```

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

```
.border{ border-color:#C6A4C5 }
```

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

Here you see how a box with a 4 pixel #C6A4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A4C5; -webkit-box-shadow:4px 4px  
4px 4px #C6A4C5; box-shadow:4px 4px 4px  
4px #C6A4C5 }
```

Background

The CSS property to change the background color of an element to Decimal 13018309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A4C5 }
```

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

```
.background{ background-color:#C6A4C5 }
```

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