

Converting Colors

Decimal(13081797)

Have a look what the booklet for
Decimal(13081797) contains.

Decimal(13081797)	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(13081797)

Conversions

Conversions Part 1

Format	Color
Hex	C79CC5
RGB	199, 156, 197
RGB Percent	78%, 61%, 77%
CMY	0.2196, 0.3882, 0.2275
CMYK	0.00, 0.22, 0.01, 0.22
HSL	303°, 28%, 70%
HSV	303°, 22%, 78%
XYZ	45.5197, 39.9503, 58.1353
YIQ	173.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

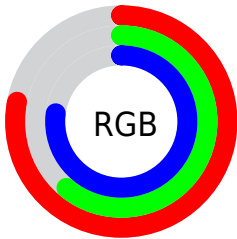
Format	Color
RYB	199, 156, 197
Decimal	13081797
CIELab	69.43, 22.94, -14.95
CIElCh	69, 27.384, 326.907
Yxy	39.9503, 0.3170, 0.2782
Android (android.graphics.Color)	4291271877 (0xFFC79CC5)
YUV	173.5310, 11.5702, 22.3363
Hunter-Lab	63.2062, 17.9408, -10.2890

Details

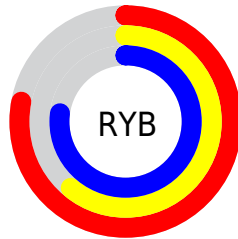
The Decimal color **13081797** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10274718**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16765950**, and **9529487** is the 20% darker color. If you saturate the color by 10%, you get **13076676**, and if you desaturate by 10%, it is **13086918**.

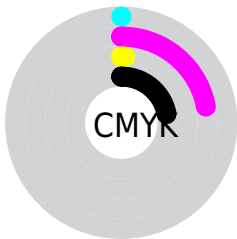
Distribution



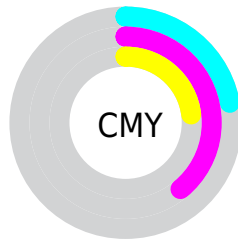
- Red (78%)
- Green (61%)
- Blue (77%)



- Red (78%)
- Yellow (61%)
- Blue (77%)



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



- Cyan (22%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13081797 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 13081797 by changing the saturation by 10% instead.

 13081797

 13081797

16777215

 11240106

 16765950

 9529487

 16773119

 7819382

 6109277

 4530757

 3017775

 1835034

 0

 13081797

 13081797

 13076676

 13086918

 13071555

 13092039

 13066434

 13097160

 13061313

 13102281

 13056448

 13107146

 13051327

 13107147

 13046207

 13107148

 13041854

 13107149

Harmonies

Analogous

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



11183318



13081797



14194861

Triad

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



13081797



12494712



6207423

Complementary

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



13081797



10274718

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.



7190438



13081797



10792829

Square

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



13081797



13803393



8893582



6861778

Rectangle

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



13081797



14456988



8893582



6338487

Sweetspot

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



13081797



16773374



10329287



8419199



0



8421504

Same Dimension

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



13081797



16760316



13081776



6511203



10682524



2359330

Inverse Universe

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



13081797



16760316



10274739



6511203



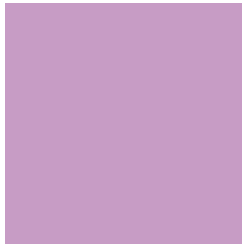
10682524



2359330

Previews

White Background



This preview shows how the Decimal color 13081797 looks on a white background.

Color Contrast Check

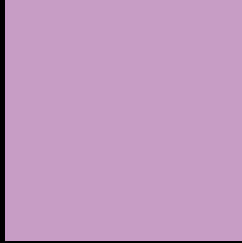
Large Text (above 18pt) WCAG AA × Fail

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 13081797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

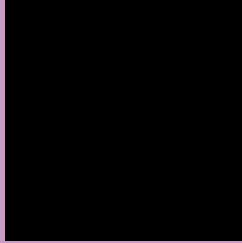
Any Text WCAG AA ✓ Pass

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 13081797 Background



This preview shows how black text looks on a background with the Decimal color 13081797.

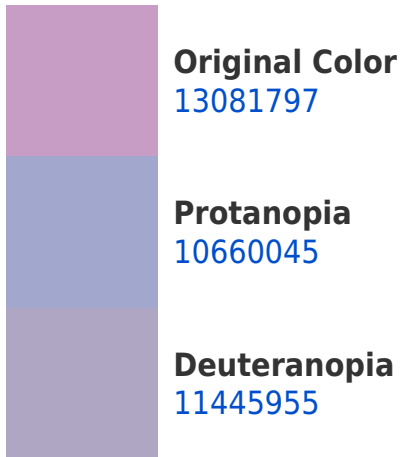



This preview shows how white text looks on a background with the Decimal color 13081797.

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
12886189

Trichromacy



Original Color
13081797

Protanomaly
11510986

Deuteranomaly
12034756

Tritanomaly
12951478

Monochromacy



Original Color
13081797

Achromatopsia
11447982

Achromatomaly
12036022

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13081797 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 #C79CC5 looks like.

```
.text, #text, p{  
  color:#C79CC5  
}
```

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 #C79CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79CC5
}
```

Border

The CSS property to change the border of an element to Decimal 13081797 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
#C79CC5 }
```

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

```
.border{ border-color:#C79CC5 }
```

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

Here you see how a box with a 4 pixel #C79CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79CC5; -webkit-box-shadow:4px 4px  
4px 4px #C79CC5; box-shadow:4px 4px 4px  
4px #C79CC5 }
```

Background

The CSS property to change the background color of an element to Decimal 13081797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79CC5 }
```

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

```
.background{ background-color:#C79CC5 }
```

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