

Converting Colors

Decimal(13807830)

Have a look what the booklet for
Decimal(13807830) contains.

Decimal(13807830)	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(13807830)

Conversions

Conversions Part 1

Format	Color
Hex	D2B0D6
RGB	210, 176, 214
RGB Percent	82%, 69%, 84%
CMY	0.1765, 0.3098, 0.1608
CMYK	0.02, 0.18, 0.00, 0.16
HSL	294°, 32%, 76%
HSV	294°, 18%, 84%
XYZ	54.2413, 49.6073, 70.3347
YIQ	190.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

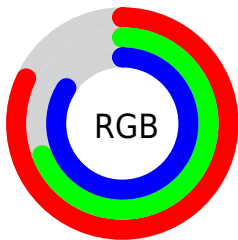
Format	Color
R _Y B	210, 176, 214
Decimal	13807830
CIE Lab	75.83, 18.92, -14.57
CIE LCh	76, 23.879, 322.414
Yxy	49.6073, 0.3114, 0.2848
Android (android.graphics.Color)	4291997910 (0xFFD2B0D6)
YUV	190.4980, 11.5865, 17.1033
Hunter-Lab	70.4325, 14.2091, -9.9049

Details

The Decimal color **13807830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11851440**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16771327**, and **10189727** is the 20% darker color. If you saturate the color by 10%, you get **13671382**, and if you desaturate by 10%, it is **13944278**.

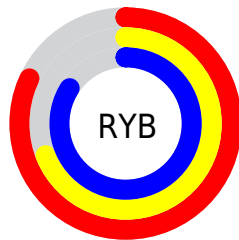
Distribution



Red (82%)

Green (69%)

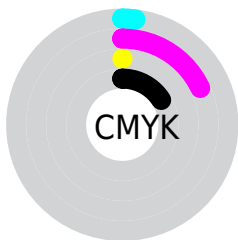
Blue (84%)



Red (82%)

Yellow (69%)

Blue (84%)

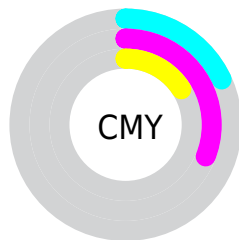


Cyan (2%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13807830 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 13807830 by changing the saturation by 10% instead.

■ 13807830

16777215

■ 16771327

■ 13807830

■ 11965882

■ 10189727

■ 8479365

■ 6834796

■ 5190483

■ 3677500

■ 2230054

■ 17

■ 0

 13807830

 13807830

 13671382


 13944278

 13469142

 14146518

 13332694

 14282966

 13195990

 14417878

 13059542

 14548950

 12857558

 14745558

 12720854

 14876630

 12584406

 15007702

 12517590

 15138774

Harmonies

Analogous

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



12040163



13807830



14920897

Triad

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



13807830



13744272



8243147

Complementary

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



13807830



11851440

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.



9095092



13807830



12238738

Square

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



13807830



14790809



10601631



8570077

Rectangle

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



13807830



15248306



10601631



8440004

Sweetspot

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



13807830



16708351



11580630



8353920



0



8421504

Same Dimension

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



13807830



16370175



14069959



6971499



10027179



2555947

Inverse Universe

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



14069940



16763343



11589311



7037026



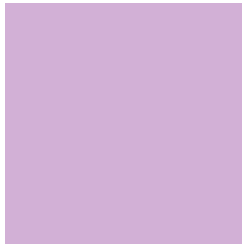
11206674



2818053

Previews

White Background



This preview shows how the Decimal color 13807830 looks on a white background.

Color Contrast Check

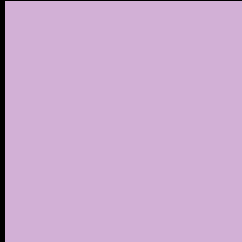
Large Text (above 18pt) WCAG AA × Fail

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 13807830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

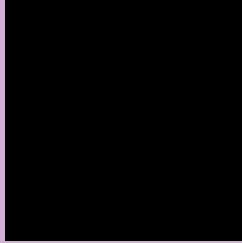
Any Text WCAG AA ✓ Pass

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 13807830 Background



This preview shows how black text looks on a background with the Decimal color 13807830.



This preview shows how white text looks on a background with the Decimal color 13807830.

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



Original Color
13807830

Protanopia
11844060

Deuteranopia
12695253



Tritanopia
13612226

Trichromacy



Original Color
13807830

Protanomaly
12564186

Deuteranomaly
13087957

Tritanomaly
13677513

Monochromacy



Original Color
13807830

Achromatopsia
12500670

Achromatomaly
12958151

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13807830 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 #D2B0D6 looks like.

```
.text, #text, p{  
    color:#D2B0D6  
}
```

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 #D2B0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B0D6
}
```

Border

The CSS property to change the border of an element to Decimal 13807830 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
#D2B0D6 }
```

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

```
.border{ border-color:#D2B0D6 }
```

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

Here you see how a box with a 4 pixel #D2B0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B0D6; -webkit-box-shadow:4px 4px  
4px 4px #D2B0D6; box-shadow:4px 4px 4px  
4px #D2B0D6 }
```

Background

The CSS property to change the background color of an element to Decimal 13807830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B0D6 }
```

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

```
.background{ background-color:#D2B0D6 }
```

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