

Converting Colors

Decimal(13400780)

Have a look what the booklet for
Decimal(13400780) contains.

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Color

Decimal(13400780)

Conversions

Conversions Part 1

Format	Color
Hex	CC7ACC
RGB	204, 122, 204
RGB Percent	80%, 48%, 80%
CMY	0.2000, 0.5216, 0.2000
CMYK	0.00, 0.40, 0.00, 0.20
HSL	300°, 45%, 64%
HSV	300°, 40%, 80%
XYZ	42.7605, 31.1161, 60.8790
YIQ	155.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

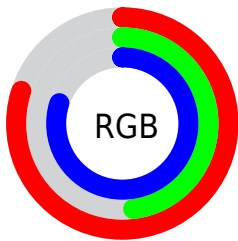
Format	Color
R_{YB}	204, 122, 204
Decimal	13400780
CIE _{Lab}	62.61, 44.31, -29.24
CIE _{LCh}	63, 53.084, 326.578
Yxy	31.1161, 0.3173, 0.2309
Android (android.graphics.Color)	4291590860 (0xFFCC7ACC)
YUV	155.8660, 23.7301, 42.2135
Hunter-Lab	55.7818, 39.2140, -25.6606

Details

The Decimal color **13400780** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8047738**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16756991**, and **9717398** is the 20% darker color. If you saturate the color by 10%, you get **13395660**, and if you desaturate by 10%, it is **13405900**.

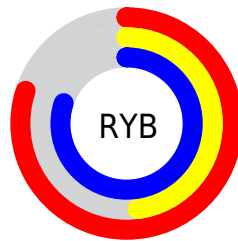
Distribution



Red (80%)

Green (48%)

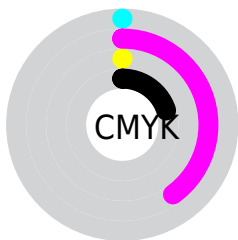
Blue (80%)



Red (80%)

Yellow (48%)

Blue (80%)

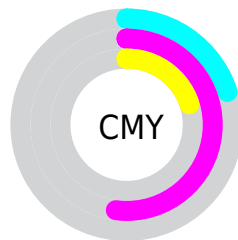


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13400780 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 13400780 by changing the saturation by 10% instead.

 13400780

 13400780

16777215

 11559088

 16756991

 9717398

 16764159

 7941243

 16771583

 6230114

 4522058

 3014707

 851997

 0

 13400780

 13400780

13395660

13405900

13390284

13411276

13385164

13416396

13379788

13421772

13374668

13426892

13369548

13432012

13434828

Harmonies

Analogous

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



9473516



13400780



15363743

Triad

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



13400780



11965236



44736

Complementary

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



13400780



8047738

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.



44688



13400780



8954174

Square

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



13400780



14319945



4958817



43493

Rectangle

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



13400780



15691647



4958817



44977

Sweetspot

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



13400780



16769279



8026828



8416896



0



8421504

Same Dimension

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



13400780



16745983



13400739



6708326



10879142



2490406

Inverse Universe

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



13400780



16745983



8047779



6708326



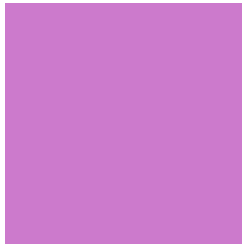
10879142



2490406

Previews

White Background



This preview shows how the Decimal color 13400780 looks on a white background.

Color Contrast Check

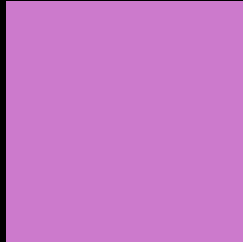
Large Text (above 18pt) WCAG AA × Fail

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 13400780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

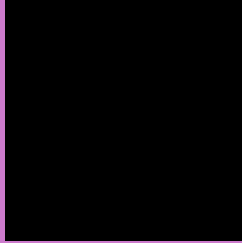
Any Text WCAG AA ✓ Pass

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 13400780 Background



This preview shows how black text looks on a background with the Decimal color 13400780.

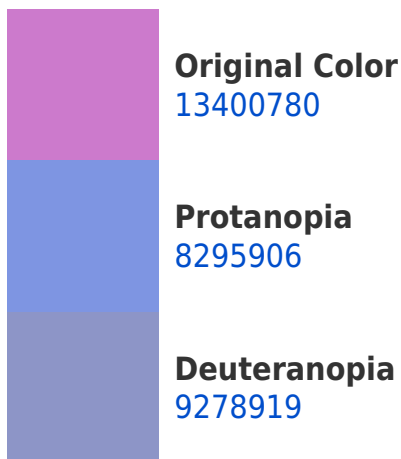


This preview shows how white text looks on a background with the Decimal color 13400780.

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
12879761

Trichromacy



Original Color
13400780



Protanomaly
10128346



Deuteranomaly
10783689



Tritanomaly
13075110

Monochromacy



Original Color
13400780



Achromatopsia
10263708



Achromatomaly
11374765

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13400780 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 #CC7ACC looks like.

```
.text, #text, p{  
  color:#CC7ACC  
}
```

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 #CC7ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7ACC  
}
```

Border

The CSS property to change the border of an element to Decimal 13400780 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  
#CC7ACC }
```

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

```
.border{ border-color:#CC7ACC }
```

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

Here you see how a box with a 4 pixel #CC7ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7ACC; -webkit-box-shadow:4px 4px  
4px 4px #CC7ACC; box-shadow:4px 4px 4px  
4px #CC7ACC }
```

Background

The CSS property to change the background color of an element to Decimal 13400780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7ACC }
```

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

```
.background{ background-color:#CC7ACC }
```

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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