

# Converting Colors

Decimal(13400746)

Have a look what the booklet for  
Decimal(13400746) contains.

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# **Color**

**Decimal(13400746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7AAA
RGB	204, 122, 170
RGB Percent	80%, 48%, 67%
CMY	0.2000, 0.5216, 0.3333
CMYK	0.00, 0.40, 0.17, 0.20
HSL	325°, 45%, 64%
HSV	325°, 40%, 80%
XYZ	39.1171, 29.6587, 41.6932
YIQ	151.9900, 33.4640, 32.3120

# Conversions

## Conversions Part 2

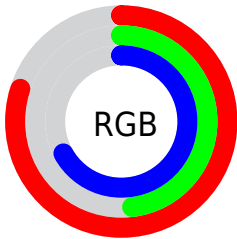
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 122, 170
Decimal	13400746
CIE <sub>Lab</sub>	61.36, 38.47, -11.86
CIE <sub>LCh</sub>	61, 40.260, 342.873
Yxy	29.6587, 0.3541, 0.2685
Android (android.graphics.Color)	4291590826 (0xFFCC7AAA)
YUV	151.9900, 8.8789, 45.6128
Hunter-Lab	54.4598, 32.9072, -7.2692

# Details

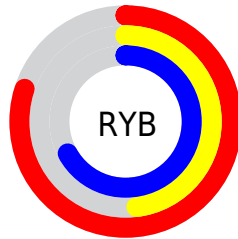
The Decimal color **13400746** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8047772**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16756961**, and **9717622** is the 20% darker color. If you saturate the color by 10%, you get **13395618**, and if you desaturate by 10%, it is **13405874**.

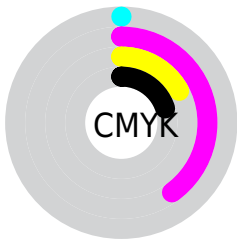
# Distribution



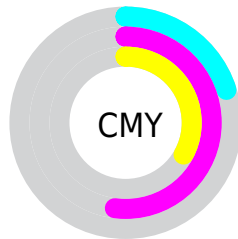
- Red (80%)
- Green (48%)
- Blue (67%)



- Red (80%)
- Yellow (48%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13400746 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 13400746 by changing the saturation by 10% instead.



 13400746

 13400746

16777215

 11559055

 16756961

 9717622


 16764158

 7941725

 16771327

 6230853

 4522031

 3080219

 196608

 0

 13400746

 13400746

13395618

13405874

13390233

13411259

13385105

13416387

13379720

13421772

13374592

13426900

13369463

13432029

13434853

13434862

13434870

# Harmonies

## Analogous

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



11240905



13400746



14186374

# Triad

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



13400746



10196813



42180

# Complementary

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



13400746



8047772

# 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.



42915



13400746



7643230

# Square

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



13400746



12356432



4367742



2531032

# Rectangle

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



13400746



14056303



4367742



42682



# Sweetspot

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



13400746



16769266



10189516



8416888



0



8421504



# Same Dimension

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



13400746



16745932



13400706



6708322



10879073



2490390



# Inverse Universe

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



13400746



16745932



8047812



6708322



10879073



2490390



# Previews

## White Background



This preview shows how the Decimal color 13400746 looks on a white background.

## Color Contrast Check

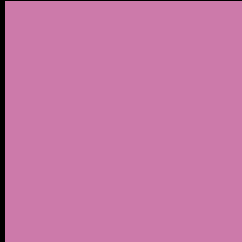
Large Text (above 18pt) WCAG AA ✓ Pass

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 13400746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

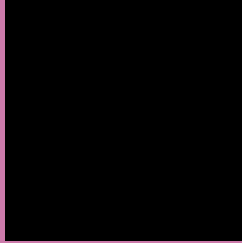
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13400746 Background



This preview shows how black text looks on a background with the Decimal color 13400746.

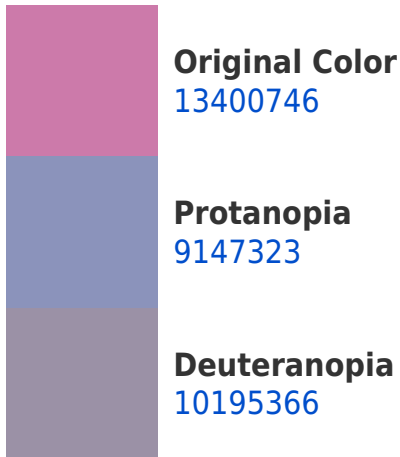



This preview shows how white text looks on a background with the Decimal color 13400746.

# 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**  
13140106

# Trichromacy



**Original Color**  
13400746



**Protanomaly**  
10717877



**Deuteranomaly**  
11372967

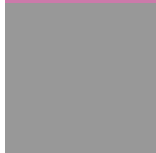


**Tritanomaly**  
13205142

# Monochromacy



**Original Color**  
13400746



**Achromatopsia**  
10000536



**Achromatomaly**  
11242911

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13400746 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 #CC7AAA looks like.

```
.text, #text, p{  
  color:#CC7AAA  
}
```

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 #CC7AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7AAA
}
```

## Border

The CSS property to change the border of an element to Decimal 13400746 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
#CC7AAA }
```

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

```
.border{ border-color:#CC7AAA }
```

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

Here you see how a box with a 4 pixel #CC7AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7AAA; -webkit-box-shadow:4px 4px  
4px 4px #CC7AAA; box-shadow:4px 4px 4px  
4px #CC7AAA }
```

# Background

The CSS property to change the background color of an element to Decimal 13400746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7AAA }
```

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

```
.background{ background-color:#CC7AAA }
```

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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