

# Converting Colors

Decimal(13077447)

Have a look what the booklet for  
Decimal(13077447) contains.

<b>Decimal(13077447)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13077447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C78BC7
RGB	199, 139, 199
RGB Percent	78%, 55%, 78%
CMY	0.2196, 0.4549, 0.2196
CMYK	0.00, 0.30, 0.00, 0.22
HSL	300°, 35%, 66%
HSV	300°, 30%, 78%
XYZ	43.0946, 34.7309, 58.4652
YIQ	163.7800, 16.5000, 31.3800

# Conversions

## Conversions Part 2

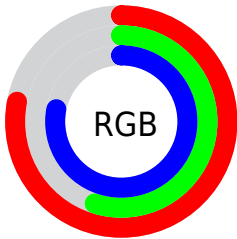
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 139, 199
Decimal	13077447
CIE <sub>Lab</sub>	65.54, 32.66, -21.97
CIE <sub>LCh</sub>	66, 39.363, 326.065
Yxy	34.7309, 0.3162, 0.2548
Android (android.graphics.Color)	4291267527 (0xFFC78BC7)
YUV	163.7800, 17.3635, 30.8879
Hunter-Lab	58.9329, 27.3953, -17.5665

# Details

The Decimal color **13077447** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9160587**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16761343**, and **9459857** is the 20% darker color. If you saturate the color by 10%, you get **13072327**, and if you desaturate by 10%, it is **13082567**.

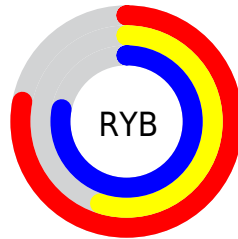
# Distribution



Red (78%)

Green (55%)

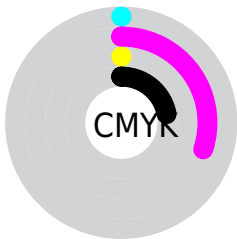
Blue (78%)



Red (78%)

Yellow (55%)

Blue (78%)

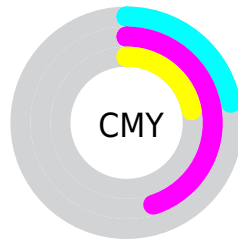


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13077447 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 13077447 by changing the saturation by 10% instead.



 13077447

 13077447

16777215

 11235756

 16761343

 9459857

 16768511

 7749495

 16775935

 6039646

 4460358

 2883632

 1114139

 0

 13077447

 13077447

 13072327

 13082567

 13067207

 13087687

 13062087

 13092807

 13056967

 13097927

 13051847

 13103047

 13046983

 13107143

 13041863

# Harmonies

## Analogous

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



10262750



13077447



14648229

# Triad

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



13077447



12229464



45501

# Complementary

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



13077447



9160587

# 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.



3649945



13077447



9872990

# Square

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



13077447



13995878



7122551



44505

# Rectangle

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



13077447



14910605



7122551



45745



# Sweetspot

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



13077447



16771327



9145287



8417664



0



8421504



# Same Dimension

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



13077447



16753663



13077417



6511203



10682531



2359332



# Inverse Universe

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



13077447



16753663



9160617



6511203



10682531

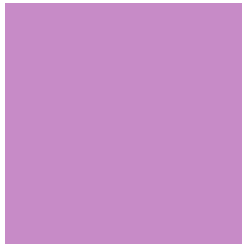


2359332



# Previews

## White Background



This preview shows how the Decimal color 13077447 looks on a white background.

## Color Contrast Check

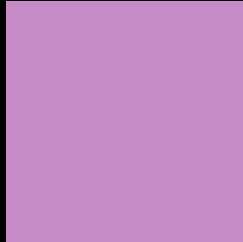
Large Text (above 18pt) WCAG AA × Fail

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 13077447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

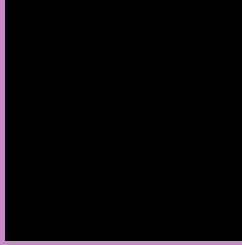
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13077447 Background



This preview shows how black text looks on a background with the Decimal color 13077447.




This preview shows how white text looks on a background with the Decimal color 13077447.

# 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**  
12686238

# Trichromacy



**Original Color**  
13077447



**Protanomaly**  
10786767



**Deuteranomaly**  
11310789

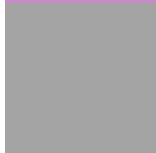


**Tritanomaly**  
12816557

# Monochromacy



**Original Color**  
13077447



**Achromatopsia**  
10790052



**Achromatomaly**  
11639729

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13077447 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 #C78BC7 looks like.

```
.text, #text, p{  
    color:#C78BC7  
}
```

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 #C78BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78BC7
}
```

## Border

The CSS property to change the border of an element to Decimal 13077447 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
#C78BC7 }
```

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

```
.border{ border-color:#C78BC7 }
```

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

Here you see how a box with a 4 pixel #C78BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78BC7; -webkit-box-shadow:4px 4px  
4px 4px #C78BC7; box-shadow:4px 4px 4px  
4px #C78BC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13077447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78BC7 }
```

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

```
.background{ background-color:#C78BC7 }
```

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