

# Converting Colors

Decimal(13347547)

Have a look what the booklet for  
Decimal(13347547) contains.

|  |    |
|--|----|
| <b>Decimal(13347547)</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(13347547)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CBAADB                    |
| RGB           | 203, 170, 219             |
| RGB Percent   | 80%, 67%, 86%             |
| CMY           | 0.2039, 0.3333, 0.1412    |
| CMYK          | 0.07, 0.22, 0.00, 0.14    |
| HSL           | 280°, 40%, 76%            |
| HSV           | 280°, 22%, 86%            |
| XYZ           | 51.7895, 46.5604, 73.2753 |
| YIQ           | 185.4530, 3.9390, 22.2350 |

# Conversions

## Conversions Part 2

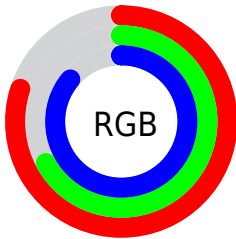
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">203, 170, 219</a>                                |
| Decimal                             | <a href="#">13347547</a>                                     |
| CIELab                              | <a href="#">73.91, 20.85, -20.25</a>                         |
| CIELCh                              | <a href="#">74, 29.069, 315.838</a>                          |
| Yxy                                 | <a href="#">46.5604, 0.3018, 0.2713</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291537627</a><br>( <a href="#">0xFFCBAADB</a> ) |
| YUV                                 | <a href="#">185.4530, 16.5387, 15.3887</a>                   |
| Hunter-Lab                          | <a href="#">68.2352, 16.0672, -15.9047</a>                   |

# Details

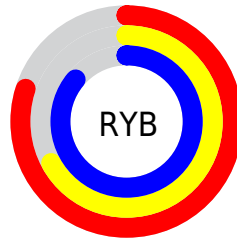
The Decimal color **13347547** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12245930**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16769535**, and **9729700** is the 20% darker color. If you saturate the color by 10%, you get **12883163**, and if you desaturate by 10%, it is **13811931**.

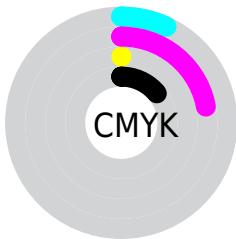
# Distribution



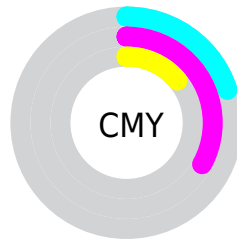
- Red (80%)
- Green (67%)
- Blue (86%)



- Red (80%)
- Yellow (67%)
- Blue (86%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)














- Cyan (20%)
- Magenta (33%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13347547 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 13347547 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  13347547 |  13347547 |
| 16777215   |  11505599 |
|  16769535 |  9729700  |
| 16776959   |  8019338  |
|  |  6374768  |
|  |  4795991  |
|  |  3217728  |
|  |  1900586 |
|  |  276    |
|  |  0      |

 13347547

 13347547

 12883163

 13811931

 12418779

 14276315

 11954395

 14740699

 11424475

 15269851

 10960347

 15728603

 10495963

 16187355

 10031579

 16646107

 9634011

 16777179

# Harmonies

## Analogous

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



11056105



13347547



14918595

# Triad

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



13347547



13938818



6800835

# Complementary

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



13347547



12245930

# 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.



8307880



13347547



12236930

# Square

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



13347547



15116177



10272656



6800091

# Rectangle

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



13347547



15377073



10272656



7194042



# Sweetspot

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



13347547



16379391



11188955



8156544



0



8421504



# Same Dimension

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



13347547



15317759



14396115



6972270



7667885



2031662



# Inverse Universe

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



14396090



16759505



11197362



7234406



11337785

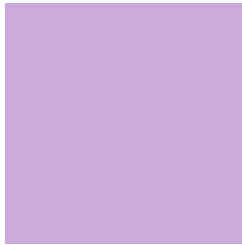


3014671



# Previews

## White Background



This preview shows how the Decimal color 13347547 looks on a white background.

## Color Contrast Check

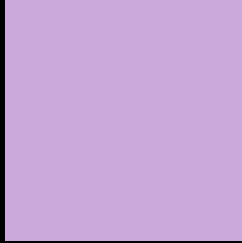
Large Text (above 18pt) WCAG AA × Fail

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 13347547 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

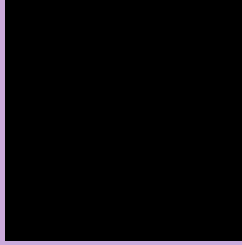
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13347547 Background



This preview shows how black text looks on a background with the Decimal color 13347547.



This preview shows how white text looks on a background with the Decimal color 13347547.

# 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**  
13347547

**Protanopia**  
11252962

**Deuteranopia**  
11973337



**Tritanopia**  
13021117

# Trichromacy



**Original Color**  
13347547

**Protanomaly**  
12038367

**Deuteranomaly**  
12496858

**Tritanomaly**  
13151688

# Monochromacy



**Original Color**  
13347547

**Achromatopsia**  
12171705

**Achromatomaly**  
12629189

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13347547 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 #CBAADB looks like.

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

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 #CBAADB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 13347547 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
#CBAADB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 13347547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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