

# Converting Colors

Decimal(13088757)

Have a look what the booklet for  
Decimal(13088757) contains.

<b>Decimal(13088757)</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(13088757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B7F5
RGB	199, 183, 245
RGB Percent	78%, 72%, 96%
CMY	0.2196, 0.2824, 0.0392
CMYK	0.19, 0.25, 0.00, 0.04
HSL	255°, 76%, 84%
HSV	255°, 25%, 96%
XYZ	56.9681, 52.6017, 93.5368
YIQ	194.8520, -10.3660, 22.6740

# Conversions

## Conversions Part 2

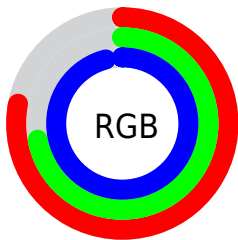
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 183, 245
Decimal	13088757
CIE Lab	77.64, 17.95, -28.68
CIE LCh	78, 33.832, 302.045
Yxy	52.6017, 0.2805, 0.2590
Android (android.graphics.Color)	4291278837 (0xFFC7B7F5)
YUV	194.8520, 24.7230, 3.6378
Hunter-Lab	72.5270, 13.2849, -25.6964

# Details

The Decimal color **13088757** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15070647**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16773119**, and **9470653** is the 20% darker color. If you saturate the color by 10%, you get **11902965**, and if you desaturate by 10%, it is **14274805**.

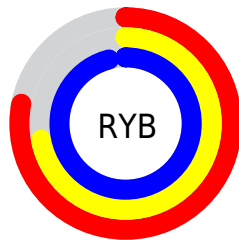
# Distribution



Red (78%)

Green (72%)

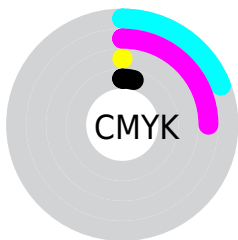
Blue (96%)



Red (78%)

Yellow (72%)

Blue (96%)

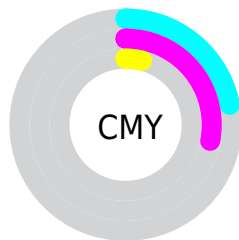


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (28%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13088757 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 13088757 by changing the saturation by 10% instead.



 13088757

 13088757

16777215

 11246808

 16773119

 9470653

 7760289

 6115719

 4471405

 2892885

 1249341

 39

 273

 13088757

 13088757

 11902965

 14274805

 10716917

 15460597

 9465589

 16711669

 8279541

 16777205

 7093493

 5907701

 4721909

 4129013

# Harmonies

## Analogous

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



10142462



13088757



15379934

# Triad

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



13088757



15643785



7000513

# Complementary

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



13088757



15070647

# 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.



9293473



13088757



13942657

# Square

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



13088757



16624544



11716746



5820640

# Rectangle

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



13088757



16296394



11716746



7721398



# Sweetspot

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



13088757



15789055



12052213



7762816



0



8421504



# Same Dimension

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



13088757



13022207



15120373



7433850



3145914



983099



# Inverse Universe

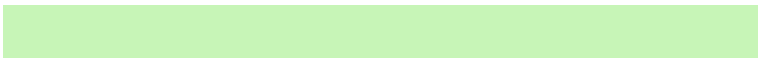
The Inverse Universe completely reimagines the original color for something new.



16103397



16757739



13104567



8023671



12189834

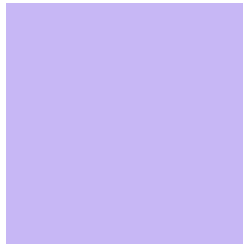


3866668



# Previews

## White Background



This preview shows how the Decimal color 13088757 looks on a white background.

## Color Contrast Check

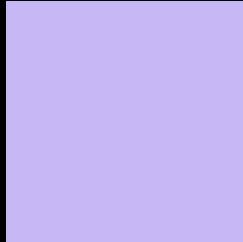
Large Text (above 18pt) WCAG AA × Fail

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 13088757 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 13088757 Background



This preview shows how black text looks on a background with the Decimal color 13088757.




This preview shows how white text looks on a background with the Decimal color 13088757.

# 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**  
12631757

# Trichromacy



**Original Color**  
13088757

**Protanomaly**  
12106744

**Deuteranomaly**  
12434164

**Tritanomaly**  
12827612

# Monochromacy



**Original Color**  
13088757

**Achromatopsia**  
12829635

**Achromatomaly**  
12894165

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13088757 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 #C7B7F5 looks like.

```
.text, #text, p{  
    color:#C7B7F5  
}
```

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 #C7B7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B7F5
}
```

## Border

The CSS property to change the border of an element to Decimal 13088757 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
#C7B7F5 }
```

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

```
.border{ border-color:#C7B7F5 }
```

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

Here you see how a box with a 4 pixel #C7B7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B7F5; -webkit-box-shadow:4px 4px  
4px 4px #C7B7F5; box-shadow:4px 4px 4px  
4px #C7B7F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 13088757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B7F5 }
```

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

```
.background{ background-color:#C7B7F5 }
```

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