

# Converting Colors

Decimal(13144042)

Have a look what the booklet for  
Decimal(13144042) contains.

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# **Color**

**Decimal(13144042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88FEA
RGB	200, 143, 234
RGB Percent	78%, 56%, 92%
CMY	0.2157, 0.4392, 0.0824
CMYK	0.15, 0.39, 0.00, 0.08
HSL	278°, 68%, 74%
HSV	278°, 39%, 92%
XYZ	48.4932, 37.8648, 82.5947
YIQ	170.4170, 4.7610, 40.3850

# Conversions

## Conversions Part 2

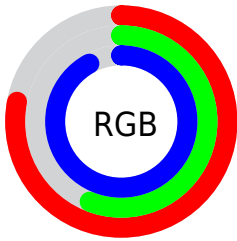
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 143, 234
Decimal	13144042
CIE <sub>Lab</sub>	67.92, 37.80, -37.71
CIE <sub>LCh</sub>	68, 53.396, 315.071
Yxy	37.8648, 0.2870, 0.2241
Android (android.graphics.Color)	4291334122 (0xFFC88FEA)
YUV	170.4170, 31.3464, 25.9443
Hunter-Lab	61.5344, 32.9847, -36.5081

# Details

The Decimal color **13144042** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11659919**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16762623**, and **9526194** is the 20% darker color. If you saturate the color by 10%, you get **12548330**, and if you desaturate by 10%, it is **13739754**.

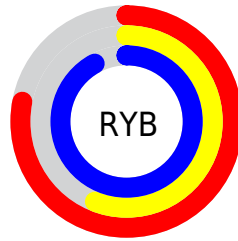
# Distribution



Red (78%)

Green (56%)

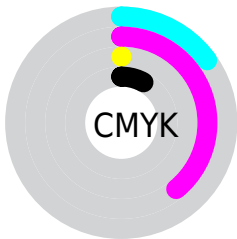
Blue (92%)



Red (78%)

Yellow (56%)

Blue (92%)

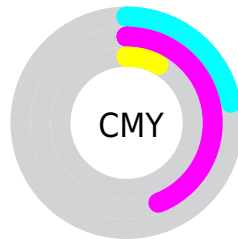


Cyan (15%)

Magenta (39%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (44%)

Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13144042 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 13144042 by changing the saturation by 10% instead.



 13144042

 13144042

16777215

 11302350

 16762623

 9526194

 16769791

 7750551

 6040445

 4330083


 2687051

 1310772

 542

 0

 13144042

 13144042

 12548330

 13739754

 12017898

 14270186

 11422186

 14865898

 10826218

 15461866

 10230506

 16056298

 9700330

 16580586

 9634026

 16777194

# Harmonies

## Analogous

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



8364799



13144042



15892416

# Triad

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



13144042



13998662



48829

# Complementary

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



13144042



11659919

# 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.



179339



13144042



11184963

# Square

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



13144042



16025699



7583327



48105

# Rectangle

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



13144042



16677791



7583327



48812



# Sweetspot

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



13144042



16048383



9417450



7958144



0



8421504



# Same Dimension

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



13144042



13797375



15372255



7432821



7405749



2228278



# Inverse Universe

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



15372209



16746420



9431706



7694958



11862084

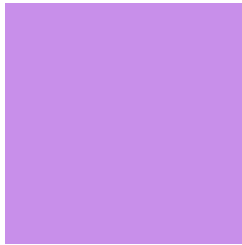


3538964



# Previews

## White Background



This preview shows how the Decimal color 13144042 looks on a white background.

## Color Contrast Check

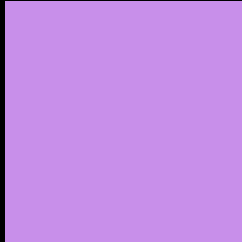
Large Text (above 18pt) WCAG AA × Fail

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 13144042 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

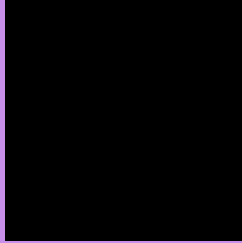
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13144042 Background



This preview shows how black text looks on a background with the Decimal color 13144042.




This preview shows how white text looks on a background with the Decimal color 13144042.

# 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**  
12492201

# Trichromacy



**Original Color**  
13144042



**Protanomaly**  
10460404



**Deuteranomaly**  
10788071



**Tritanomaly**  
12753089

# Monochromacy



**Original Color**  
13144042



**Achromatopsia**  
11184810



**Achromatomaly**  
11903169

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13144042 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 #C88FEA looks like.

```
.text, #text, p{  
  color:#C88FEA  
}
```

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 #C88FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C88FEA
}
```

## Border

The CSS property to change the border of an element to Decimal 13144042 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
#C88FEA }
```

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

```
.border{ border-color:#C88FEA }
```

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

Here you see how a box with a 4 pixel #C88FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C88FEA; -webkit-box-shadow:4px 4px  
4px 4px #C88FEA; box-shadow:4px 4px 4px  
4px #C88FEA }
```

# Background

The CSS property to change the background color of an element to Decimal 13144042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C88FEA }
```

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

```
.background{ background-color:#C88FEA }
```

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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