

# Converting Colors

Decimal(12944871)

Have a look what the booklet for  
Decimal(12944871) contains.

<b>Decimal(12944871)</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(12944871)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C585E7
RGB	197, 133, 231
RGB Percent	77%, 52%, 91%
CMY	0.2275, 0.4784, 0.0941
CMYK	0.15, 0.42, 0.00, 0.09
HSL	279°, 67%, 71%
HSV	279°, 42%, 91%
XYZ	45.8373, 34.4149, 79.8282
YIQ	163.3080, 6.6860, 44.0460

# Conversions

## Conversions Part 2

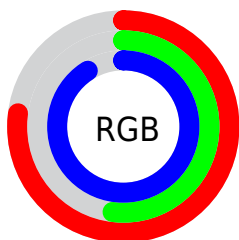
Format	Color
<a href="#">RYB</a>	<a href="#">197, 133, 231</a>
Decimal	<a href="#">12944871</a>
CIELab	<a href="#">65.29, 41.71, -40.19</a>
CIELCh	<a href="#">65, 57.918, 316.066</a>
Yxy	<a href="#">34.4149, 0.2863, 0.2150</a>
Android (android.graphics.Color)	<a href="#">4291134951</a> (0xFFC585E7)
YUV	<a href="#">163.3080, 33.3722, 29.5479</a>
Hunter-Lab	<a href="#">58.6642, 36.8086, -39.6148</a>

# Details

The Decimal color **12944871** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11003781**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16759807**, and **9261743** is the 20% darker color. If you saturate the color by 10%, you get **12414695**, and if you desaturate by 10%, it is **13475047**.

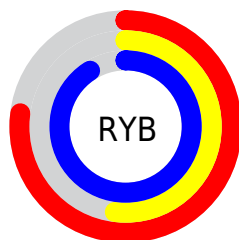
# Distribution



Red (77%)

Green (52%)

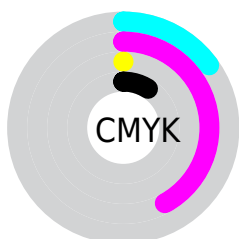
Blue (91%)



Red (77%)

Yellow (52%)

Blue (91%)

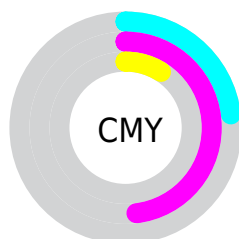


Cyan (15%)

Magenta (42%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (48%)

Yellow (9%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 12944871 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 12944871 by changing the saturation by 10% instead.

 12944871

 12944871

16777215

 11103179

 16759807

 9261743

 16766975

 7551380

 16774399

 5775482

 4064097

 2424904

 524337

 283

 0

 12944871

 12944871

 12414695

 13475047

 11884519

 14005223

 11354343

 14535399

 10824167

 15065575

 10293991

 15596007

 9896167

 16121831

 16646119

 16777191

# Harmonies

## Analogous

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



7642111



12944871



15823801

# Triad

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



12944871



13603637



47290

# Complementary

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



12944871



11003781

# 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.



46724



12944871



10527794

# Square

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



12944871



15761238



6598739



46568

# Rectangle

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



12944871



16609174



6598739



47272

# Sweetspot

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



12944871



15982335



8759271



7891840



0



8421504



# Same Dimension

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



12944871



13794815



15173080



7300979



7667891



2162739



# Inverse Universe

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



15173031



16743850



8775572



7563115



11731006

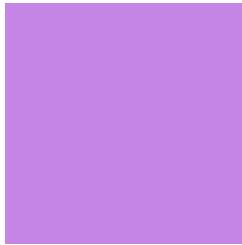


3342354



# Previews

## White Background



This preview shows how the Decimal color 12944871 looks on a white background.

## Color Contrast Check

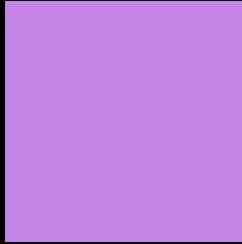
Large Text (above 18pt) WCAG AA × Fail

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 12944871 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 12944871 Background



This preview shows how black text looks on a background with the Decimal color 12944871.



This preview shows how white text looks on a background with the Decimal color 12944871.

# 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**  
12944871

**Protanopia**  
8101114

**Deuteranopia**  
8756706



**Tritanopia**  
12228000

# Trichromacy



**Original Color**

12944871



**Protanomaly**

9868531



**Deuteranomaly**

10261732



**Tritanomaly**

12488634

# Monochromacy



**Original Color**

12944871



**Achromatopsia**

10724259



**Achromatomaly**

11507900

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12944871 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 #C585E7 looks like.

```
.text, #text, p{  
    color:#C585E7  
}
```

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 #C585E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C585E7
}
```

## Border

The CSS property to change the border of an element to Decimal 12944871 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
#C585E7 }
```

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

```
.border{ border-color:#C585E7 }
```

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

Here you see how a box with a 4 pixel #C585E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C585E7; -webkit-box-shadow:4px 4px  
4px 4px #C585E7; box-shadow:4px 4px 4px  
4px #C585E7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12944871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C585E7 }
```

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

```
.background{ background-color:#C585E7 }
```

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