

# Converting Colors

Decimal(13537248)

Have a look what the booklet for  
Decimal(13537248) contains.

<b>Decimal(13537248)</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(13537248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE8FE0
RGB	206, 143, 224
RGB Percent	81%, 56%, 88%
CMY	0.1922, 0.4392, 0.1216
CMYK	0.08, 0.36, 0.00, 0.12
HSL	287°, 57%, 72%
HSV	287°, 36%, 88%
XYZ	48.7306, 38.1486, 75.3160
YIQ	171.0710, 11.5470, 38.5470

# Conversions

## Conversions Part 2

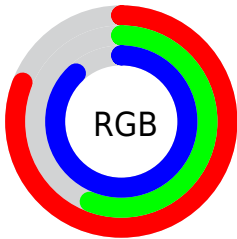
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 143, 224
Decimal	13537248
CIE Lab	68.13, 37.55, -31.83
CIE LCh	68, 49.225, 319.719
Yxy	38.1486, 0.3004, 0.2352
Android (android.graphics.Color)	4291727328 (0xFFCE8FE0)
YUV	171.0710, 26.0940, 30.6327
Hunter-Lab	61.7645, 32.7440, -29.0634

# Details

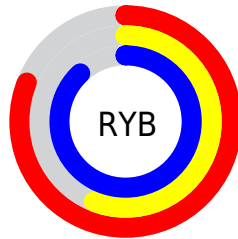
The Decimal color **13537248** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10608783**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16762623**, and **9853864** is the 20% darker color. If you saturate the color by 10%, you get **13203936**, and if you desaturate by 10%, it is **13870560**.

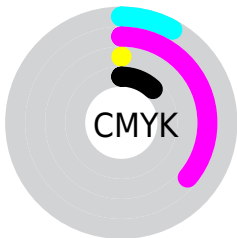
# Distribution



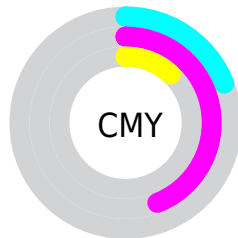
- Red (81%)
- Green (56%)
- Blue (88%)



- Red (81%)
- Yellow (56%)
- Blue (88%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (44%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13537248 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 13537248 by changing the saturation by 10% instead.



 13537248

 13537248

16777215

 11695556

 16762623

 9853864

 16769791

 8143502

 6433396

 4723035

 3145795

 1835053

 279

 0

 13537248

 13537248

 13203936

 13870560

 12870368

 14204128

 12537056

 14537440

 12203488

 14871008

 11870176

 15204320

 11536864

 15532000

 11403488

 15859680

 16187360

 16515040

# Harmonies

## Analogous

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



9543930



13537248



15827639

# Triad

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



13537248



13540941



48579

# Complementary

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



13537248



10608783

# 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.



1227925



13537248



10792271

# Square

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



13537248



15502948



7386986



47593

# Rectangle

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



13537248



16417177



7386986



48564



# Sweetspot

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



13537248



16376831



9413344



8155008



0



8421504



# Same Dimension

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



13537248



15176191



14716874



7234928



8978608



2490416



# Inverse Universe

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



14716833



16748970



9429157



7365991



11534375

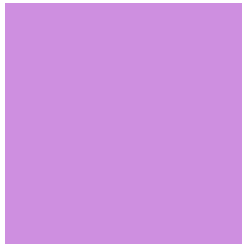


3145739



# Previews

## White Background



This preview shows how the Decimal color 13537248 looks on a white background.

## Color Contrast Check

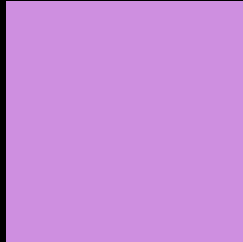
Large Text (above 18pt) WCAG AA × Fail

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 13537248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

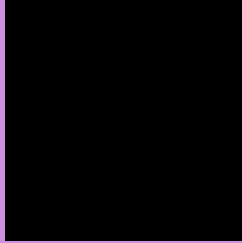
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13537248 Background



This preview shows how black text looks on a background with the Decimal color 13537248.



This preview shows how white text looks on a background with the Decimal color 13537248.

# 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**  
13015975

# Trichromacy



**Original Color**  
13537248



**Protanomaly**  
10853610



**Deuteranomaly**  
11312349



**Tritanomaly**  
13211580

# Monochromacy



**Original Color**  
13537248



**Achromatopsia**  
11250603



**Achromatomaly**  
12100030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13537248 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 #CE8FE0 looks like.

```
.text, #text, p{  
    color:#CE8FE0  
}
```

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 #CE8FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8FE0
}
```

## Border

The CSS property to change the border of an element to Decimal 13537248 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
#CE8FE0 }
```

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

```
.border{ border-color:#CE8FE0 }
```

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

Here you see how a box with a 4 pixel #CE8FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8FE0; -webkit-box-shadow:4px 4px  
4px 4px #CE8FE0; box-shadow:4px 4px 4px  
4px #CE8FE0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13537248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8FE0 }
```

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

```
.background{ background-color:#CE8FE0 }
```

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