

# Converting Colors

Decimal(13413337)

Have a look what the booklet for  
Decimal(13413337) contains.

<b>Decimal(13413337)</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(13413337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCABD9
RGB	204, 171, 217
RGB Percent	80%, 67%, 85%
CMY	0.2000, 0.3294, 0.1490
CMYK	0.06, 0.21, 0.00, 0.15
HSL	283°, 38%, 76%
HSV	283°, 21%, 85%
XYZ	51.9891, 46.9729, 71.9722
YIQ	186.1110, 4.9020, 21.3020

# Conversions

## Conversions Part 2

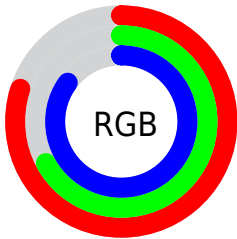
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 171, 217
Decimal	13413337
CIE <sub>Lab</sub>	74.17, 20.24, -18.75
CIE <sub>LCh</sub>	74, 27.587, 317.182
Yxy	46.9729, 0.3041, 0.2748
Android (android.graphics.Color)	4291603417 (0xFFCCABD9)
YUV	186.1110, 15.2283, 15.6887
Hunter-Lab	68.5368, 15.4632, -14.2861

# Details

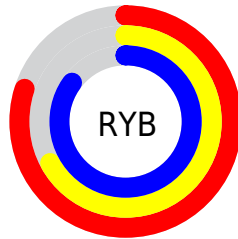
The Decimal color **13413337** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12114347**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **16769791**, and **9795490** is the 20% darker color. If you saturate the color by 10%, you get **13014489**, and if you desaturate by 10%, it is **13812185**.

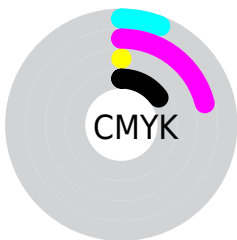
# Distribution



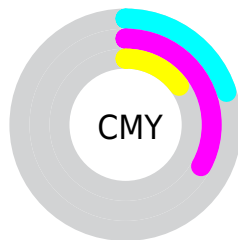
- Red (80%)
- Green (67%)
- Blue (85%)



- Red (80%)
- Yellow (67%)
- Blue (85%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (33%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13413337 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 13413337 by changing the saturation by 10% instead.



■ 13413337

■ 13413337

16777215

■ 11571389

■ 16769791

■ 9795490

■ 8085128

■ 6440558

■ 4861782

■ 3348798

■ 1966632

■ 275

■ 0

13413337

13413337

13014489

13812185

12615897

14210777

12217049

14609625

11752665

15073241

11354073

15466457

10955225

15859673

10556377

16252889

10223833

16646105

16777177

# Harmonies

## Analogous

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



11252967



13413337



14853570

# Triad

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



13413337



13873541



7194052

# Complementary

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



13413337



12114347

# 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.



8504490



13413337



12237190

# Square

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



13413337



14985618



10338451



7258843

# Rectangle

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



13413337



15312049



10338451



7521724



# Sweetspot

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



13413337



16511231



11253977



8222592



0



8421504



# Same Dimension

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



13413337



15581183



14265295



7037806



8126637



2162734



# Inverse Universe

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



14265272



16760785



11262389



7234406



11337777

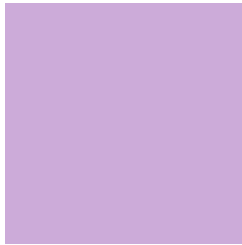


3014669



# Previews

## White Background



This preview shows how the Decimal color 13413337 looks on a white background.

## Color Contrast Check

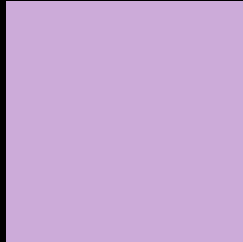
Large Text (above 18pt) WCAG AA × Fail

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 13413337 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 13413337 Background



This preview shows how black text looks on a background with the Decimal color 13413337.

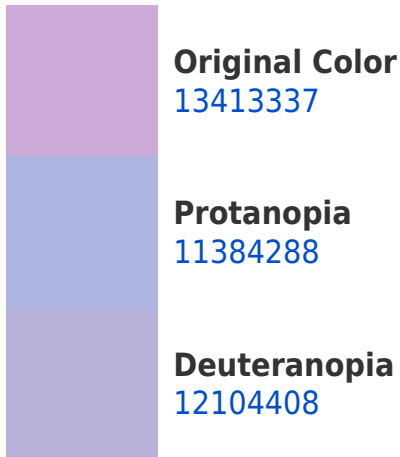



This preview shows how white text looks on a background with the Decimal color 13413337.

# 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**  
13152446

# Trichromacy



**Original Color**  
13413337

**Protanomaly**  
12104157

**Deuteranomaly**  
12562392

**Tritanomaly**  
13217480

# Monochromacy



**Original Color**  
13413337

**Achromatopsia**  
12237498

**Achromatomaly**  
12694981

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13413337 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 #CCABD9 looks like.

```
.text, #text, p{  
    color:#CCABD9  
}
```

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 #CCABD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCABD9
}
```

## Border

The CSS property to change the border of an element to Decimal 13413337 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
#CCABD9 }
```

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

```
.border{ border-color:#CCABD9 }
```

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

Here you see how a box with a 4 pixel #CCABD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCABD9; -webkit-box-shadow:4px 4px  
4px 4px #CCABD9; box-shadow:4px 4px 4px  
4px #CCABD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13413337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCABD9 }
```

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

```
.background{ background-color:#CCABD9 }
```

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