

# Converting Colors

Decimal(13409488)

Have a look what the booklet for  
Decimal(13409488) contains.

<b>Decimal(13409488)</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(13409488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC9CD0
RGB	204, 156, 208
RGB Percent	80%, 61%, 82%
CMY	0.2000, 0.3882, 0.1843
CMYK	0.02, 0.25, 0.00, 0.18
HSL	295°, 36%, 71%
HSV	295°, 25%, 82%
XYZ	48.1755, 41.1684, 65.0817
YIQ	176.2800, 11.9160, 26.3480

# Conversions

## Conversions Part 2

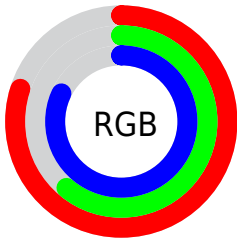
Format	Color
<a href="#">RYB</a>	<a href="#">204, 156, 208</a>
Decimal	<a href="#">13409488</a>
CIELab	<a href="#">70.29, 26.70, -19.69</a>
CIELCh	<a href="#">70, 33.176, 323.594</a>
Yxy	<a href="#">41.1684, 0.3120, 0.2666</a>
Android (android.graphics.Color)	<a href="#">4291599568 (0xFFCC9CD0)</a>
YUV	<a href="#">176.2800, 15.6380, 24.3104</a>
Hunter-Lab	<a href="#">64.1626, 21.7394, -15.2255</a>

# Details

The Decimal color **13409488** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10539164**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16765951**, and **9791642** is the 20% darker color. If you saturate the color by 10%, you get **13273040**, and if you desaturate by 10%, it is **13545936**.

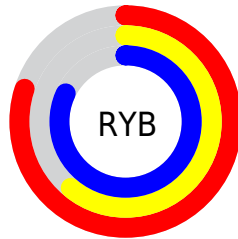
# Distribution



Red (80%)

Green (61%)

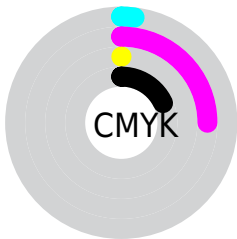
Blue (82%)



Red (80%)

Yellow (61%)

Blue (82%)

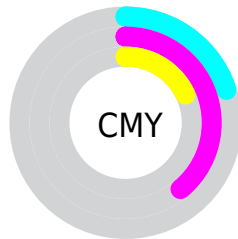


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (39%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13409488 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 13409488 by changing the saturation by 10% instead.



13409488

13409488

16777215

11567796

16765951

9791642

16773119

8081535

6371430

4792654

3213879

2097186

7

0

 13409488

 13409488

 13273040

 13545936

 13202128

 13616848

 13065936

 13753040

 12995024

 13823952


 12858576

 13959120

 12722128

 14090192

 12651216

 14155728

 12583120

 14286800

 14352336

# Harmonies

## Analogous

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



10987235



13409488



14849716

# Triad

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



13409488



13084784



4570307

# Complementary

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



13409488



10539164

# 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.



6405284



13409488



11055476

# Square

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



13409488



14524028



8763527



5224667

# Rectangle

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



13409488



15242655



8763527



5029049



# Sweetspot

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



13409488



16641023



10264784



8352640



0



8421504



# Same Dimension

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



13409488



16364543



13671610



6839913



10158248



2490409



# Inverse Universe

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



13671584



16757688



10277042



6905439



11010061

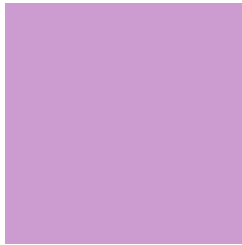


2686979



# Previews

## White Background



This preview shows how the Decimal color 13409488 looks on a white background.

## Color Contrast Check

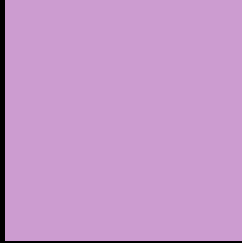
Large Text (above 18pt) WCAG AA × Fail

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 13409488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

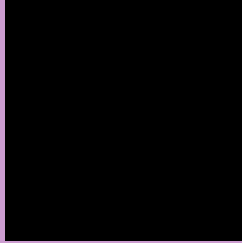
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13409488 Background



This preview shows how black text looks on a background with the Decimal color 13409488.

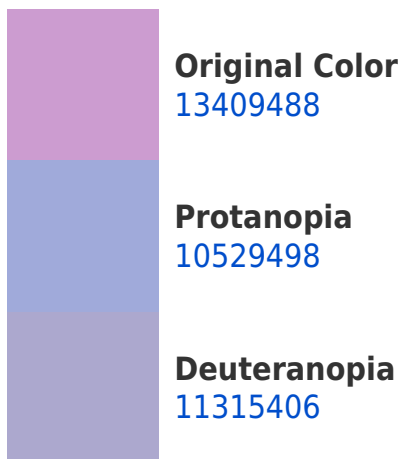



This preview shows how white text looks on a background with the Decimal color 13409488.

# 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**  
13083311

# Trichromacy



**Original Color**  
13409488

**Protanomaly**  
11576790

**Deuteranomaly**  
12100815

**Tritanomaly**  
13213883

# Monochromacy



**Original Color**  
13409488

**Achromatopsia**  
11579568

**Achromatomaly**  
12233148

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13409488 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 #CC9CD0 looks like.

```
.text, #text, p{  
    color:#CC9CD0  
}
```

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 #CC9CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9CD0
}
```

## Border

The CSS property to change the border of an element to Decimal 13409488 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
#CC9CD0 }
```

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

```
.border{ border-color:#CC9CD0 }
```

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

Here you see how a box with a 4 pixel #CC9CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9CD0; -webkit-box-shadow:4px 4px  
4px 4px #CC9CD0; box-shadow:4px 4px 4px  
4px #CC9CD0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13409488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9CD0 }
```

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

```
.background{ background-color:#CC9CD0 }
```

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