

# Converting Colors

Decimal(13214921)

Have a look what the booklet for  
Decimal(13214921) contains.

<b>Decimal(13214921)</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(13214921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9A4C9
RGB	201, 164, 201
RGB Percent	79%, 64%, 79%
CMY	0.2118, 0.3569, 0.2118
CMYK	0.00, 0.18, 0.00, 0.21
HSL	300°, 26%, 72%
HSV	300°, 18%, 79%
XYZ	47.9055, 43.1855, 61.0691
YIQ	179.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

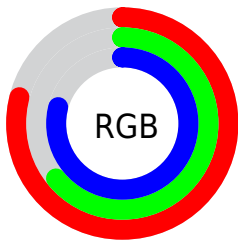
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 164, 201</a>
Decimal	<a href="#">13214921</a>
CIELab	<a href="#">71.68, 19.98, -13.76</a>
CIELCh	<a href="#">72, 24.259, 325.435</a>
Yxy	<a href="#">43.1855, 0.3148, 0.2838</a>
Android (android.graphics.Color)	<a href="#">4291405001 (0xFFC9A4C9)</a>
YUV	<a href="#">179.2810, 10.7075, 19.0476</a>
Hunter-Lab	<a href="#">65.7157, 15.1207, -9.0968</a>

# Details

The Decimal color **13214921** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10799524**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16767999**, and **9662611** is the 20% darker color. If you saturate the color by 10%, you get **13209801**, and if you desaturate by 10%, it is **13220041**.

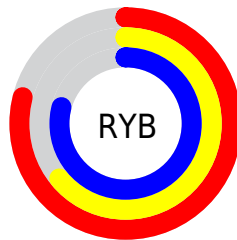
# Distribution



Red (79%)

Green (64%)

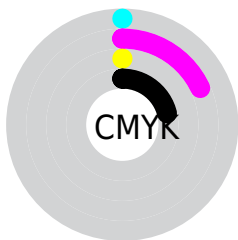
Blue (79%)



Red (79%)

Yellow (64%)

Blue (79%)

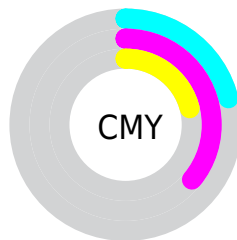


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13214921 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 13214921 by changing the saturation by 10% instead.



 13214921

 13214921

16777215

 11373230

 16767999

 9662611

 16775423

 7952249

 6307936

 4663625

 3150898

 1966109

 0

 13214921


 13214921

 13209801


 13220041

 13204681


 13225161

 13199561


 13230281


 13194441


 13235401


 13189321

 13238217

 13183945

 13178825

 13173705

 13172937

# Harmonies

## Analogous

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



11512791



13214921



14262452

# Triad

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



13214921



12823940



7388354

# Complementary

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



13214921



10799524

# 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.



8174763



13214921



11318407

# Square

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



13214921



14001804



9681302



7846355

# Rectangle

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



13214921



14524581



9681302



7519419



# Sweetspot

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



13214921



16773375



10790089



8419200



0



8421504



# Same Dimension

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



13214921



16762879



13214903



6511203



10682531



2359332



# Inverse Universe

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



13214921



16762879



10799543



6511203



10682531

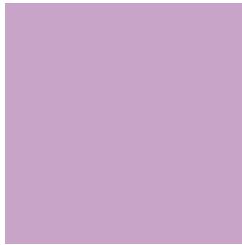


2359332



# Previews

## White Background



This preview shows how the Decimal color 13214921 looks on a white background.

## Color Contrast Check

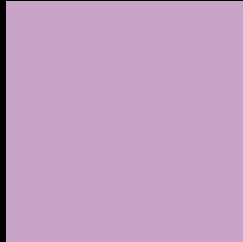
Large Text (above 18pt) WCAG AA × Fail

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 13214921 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 13214921 Background



This preview shows how black text looks on a background with the Decimal color 13214921.



This preview shows how white text looks on a background with the Decimal color 13214921.

# 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**  
13214921

**Protanopia**  
11120336

**Deuteranopia**  
11971528



**Tritanopia**  
13019317

# Trichromacy



**Original Color**  
13214921

**Protanomaly**  
11905741

**Deuteranomaly**  
12429512

**Tritanomaly**  
13084604

# Monochromacy



**Original Color**  
13214921

**Achromatopsia**  
11776947

**Achromatomaly**  
12299963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13214921 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 #C9A4C9 looks like.

```
.text, #text, p{  
  color:#C9A4C9  
}
```

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 #C9A4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A4C9
}
```

## Border

The CSS property to change the border of an element to Decimal 13214921 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
#C9A4C9 }
```

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

```
.border{ border-color:#C9A4C9 }
```

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

Here you see how a box with a 4 pixel #C9A4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A4C9; -webkit-box-shadow:4px 4px  
4px 4px #C9A4C9; box-shadow:4px 4px 4px  
4px #C9A4C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13214921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A4C9 }
```

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

```
.background{ background-color:#C9A4C9 }
```

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