

# Converting Colors

Decimal(13215420)

Have a look what the booklet for  
Decimal(13215420) contains.

<b>Decimal(13215420)</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(13215420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9A6BC
RGB	201, 166, 188
RGB Percent	79%, 65%, 74%
CMY	0.2118, 0.3490, 0.2627
CMYK	0.00, 0.17, 0.06, 0.21
HSL	322°, 24%, 72%
HSV	322°, 17%, 79%
XYZ	46.8007, 43.3208, 53.4720
YIQ	178.9730, 13.7980, 14.2620

# Conversions

## Conversions Part 2

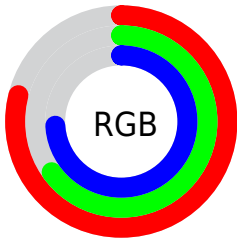
Format	Color
R <sub>Y</sub> B	201, 166, 188
Decimal	13215420
CIE Lab	71.77, 16.50, -6.46
CIE LCh	72, 17.720, 338.616
Yxy	43.3208, 0.3259, 0.3017
Android (android.graphics.Color)	4291405500 (0xFFC9A6BC)
YUV	178.9730, 4.4503, 19.3177
Hunter-Lab	65.8185, 11.7412, -2.0952

# Details

The Decimal color **13215420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10930611**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16768500**, and **9663111** is the 20% darker color. If you saturate the color by 10%, you get **13210293**, and if you desaturate by 10%, it is **13220547**.

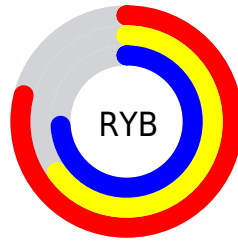
# Distribution



Red (79%)

Green (65%)

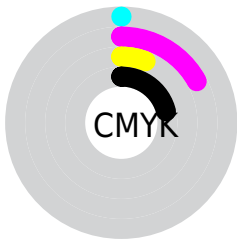
Blue (74%)



Red (79%)

Yellow (65%)

Blue (74%)

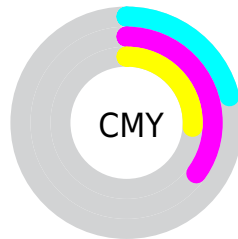


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13215420 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 13215420 by changing the saturation by 10% instead.



 13215420

 13215420

16777215

 11373729

 16768500

 9663111

 16775935

 7952749

 6308437

 4729662

 3216936

 1966100

 0

 13215420

 13215420

 13210293


 13220547

 13205165


 13225675

 13200038


 13230802

 13194910


 13235930

 13189783


 13238241

 13184399


 13238249

 13179272

 13238256

 13174144

 13238264

 13172862

 13238271

# Harmonies

## Analogous

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



12167881



13215420



13739436

# Triad

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



13215420



12103824



8829123

# Complementary

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



13215420



10930611

# 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.



8894900



13215420



10859926

# Square

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



13215420



13085586



9746596



9483725

# Rectangle

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



13215420



13805217



9746596



8763839



# Sweetspot

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



13215420



16773882



11773641



8419453



0



8421504



# Same Dimension

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



13215420



16763371



13215403



6511200



10682471



2359318



# Inverse Universe

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



13215420



16763371



10930628



6511200



10682471

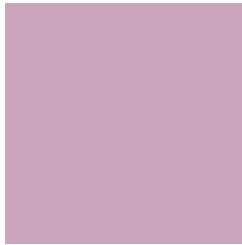


2359318



# Previews

## White Background



This preview shows how the Decimal color 13215420 looks on a white background.

## Color Contrast Check

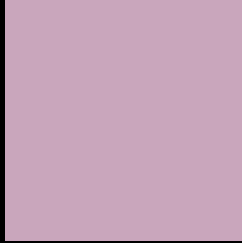
Large Text (above 18pt) WCAG AA × Fail

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 13215420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

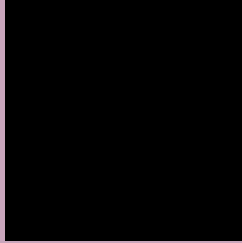
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13215420 Background



This preview shows how black text looks on a background with the Decimal color 13215420.



This preview shows how white text looks on a background with the Decimal color 13215420.

# 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**  
13215420

**Protanopia**  
11448257

**Deuteranopia**  
12364731



**Tritanopia**  
13150132

# Trichromacy



**Original Color**  
13215420

**Protanomaly**  
12102847

**Deuteranomaly**  
12691899

**Tritanomaly**  
13150135

# Monochromacy



**Original Color**  
13215420

**Achromatopsia**  
11776947

**Achromatomaly**  
12299958

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13215420 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 #C9A6BC looks like.

```
.text, #text, p{  
  color:#C9A6BC  
}
```

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 #C9A6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A6BC
}
```

## Border

The CSS property to change the border of an element to Decimal 13215420 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
#C9A6BC }
```

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

```
.border{ border-color:#C9A6BC }
```

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

Here you see how a box with a 4 pixel #C9A6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A6BC; -webkit-box-shadow:4px 4px  
4px 4px #C9A6BC; box-shadow:4px 4px 4px  
4px #C9A6BC }
```

# Background

The CSS property to change the background color of an element to Decimal 13215420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A6BC }
```

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

```
.background{ background-color:#C9A6BC }
```

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