

# Converting Colors

Decimal(13380297)

Have a look what the booklet for  
Decimal(13380297) contains.

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**Color**

**Decimal(13380297)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2AC9
RGB	204, 42, 201
RGB Percent	80%, 16%, 79%
CMY	0.2000, 0.8353, 0.2118
CMYK	0.00, 0.79, 0.01, 0.20
HSL	301°, 66%, 48%
HSV	301°, 79%, 80%
XYZ	36.2724, 18.7103, 56.9580
YIQ	108.5640, 45.5130, 83.7930

# Conversions

## Conversions Part 2

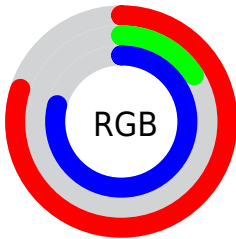
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 42, 201
Decimal	13380297
CIE <sub>Lab</sub>	50.35, 76.70, -46.76
CIE <sub>LCh</sub>	50, 89.826, 328.631
Yxy	18.7103, 0.3240, 0.1671
Android (android.graphics.Color)	4291570377 (0xFFCC2AC9)
YUV	108.5640, 45.5709, 83.6974
Hunter-Lab	43.2555, 73.9864, -47.7932

# Details

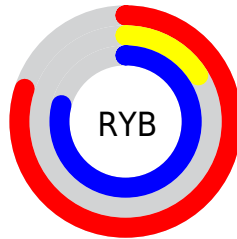
The Decimal color **13380297** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **2804781**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16739583**, and **9502866** is the 20% darker color. If you saturate the color by 10%, you get **13375177**, and if you desaturate by 10%, it is **13385417**.

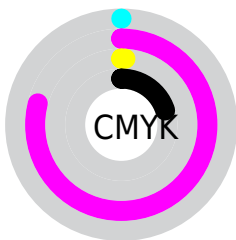
# Distribution



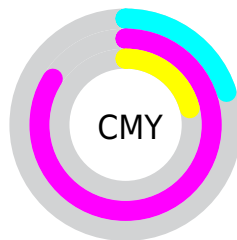
- Red (80%)
- Green (16%)
- Blue (79%)



- Red (80%)
- Yellow (16%)
- Blue (79%)



- Cyan (0%)
- Magenta (79%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13380297 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 13380297 by changing the saturation by 10% instead.



 13380297

 13380297

16777215

 11403437

 16739583

 9502866

 16747007

 7667832

 16754687

 5767263

 16762111

 4128838

 16769791

 2097199

 281

 0

 13380297

 13380297

■ 13375177

■ 13385417

■ 13369800

■ 13390794

■ 13369544

■ 13395914

■ 13401291

■ 13406411

■ 13411531

■ 13416908

■ 13422028

■ 13427404

# Harmonies

## Analogous

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



5858815



13380297



16056447

# Triad

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



13380297



9794560



38848

# Complementary

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



13380297



2804781

# 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.



38514



13380297



4687872

# Square

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



13380297



13520896



37146



37628

# Rectangle

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



13380297



16187469



37146



38823



# Sweetspot

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



13380297



16761598



2960076



8412031



0



8421504



# Same Dimension

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



13380297



16715259



13380216



6708326



10879139



2490406



# Inverse Universe

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



13380297



16715259



2804862



6708326



10879139



2490406



# Previews

## White Background



This preview shows how the Decimal color 13380297 looks on a white background.

## Color Contrast Check

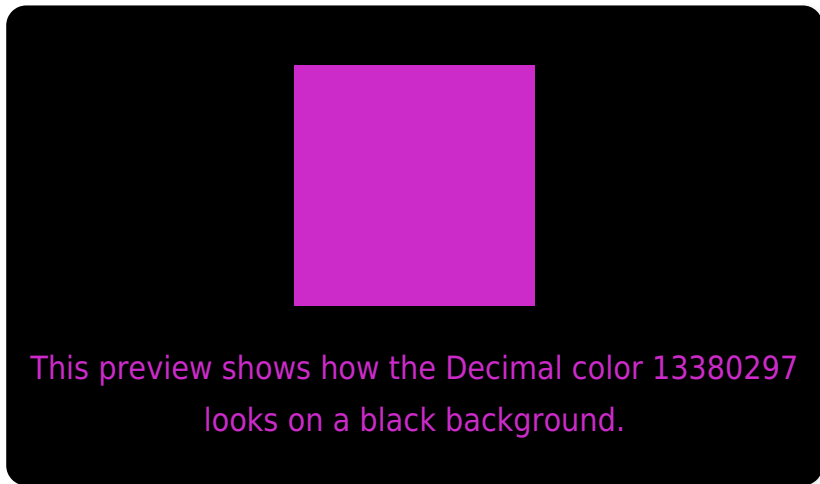
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

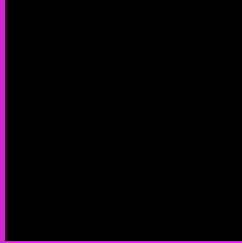
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13380297 Background



This preview shows how black text looks on a background with the Decimal color 13380297.



This preview shows how white text looks on a background with the Decimal color 13380297.

# 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





# Trichromacy



**Original Color**  
13380297



**Protanomaly**  
4872678



**Deuteranomaly**  
8281282



**Tritanomaly**  
12863108

# Monochromacy



**Original Color**  
13380297



**Achromatopsia**  
7171437



**Achromatomaly**  
9459086

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13380297 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 #CC2AC9 looks like.

```
.text, #text, p{  
    color:#CC2AC9  
}
```

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 #CC2AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2AC9
}
```

## Border

The CSS property to change the border of an element to Decimal 13380297 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
#CC2AC9 }
```

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

```
.border{ border-color:#CC2AC9 }
```

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

Here you see how a box with a 4 pixel #CC2AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2AC9; -webkit-box-shadow:4px 4px  
4px 4px #CC2AC9; box-shadow:4px 4px 4px  
4px #CC2AC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13380297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2AC9 }
```

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

```
.background{ background-color:#CC2AC9 }
```

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](#).



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