

# Converting Colors

Decimal(13380017)

Have a look what the booklet for  
Decimal(13380017) contains.

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**Color**

**Decimal(13380017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC29B1
RGB	204, 41, 177
RGB Percent	80%, 16%, 69%
CMY	0.2000, 0.8392, 0.3059
CMYK	0.00, 0.80, 0.13, 0.20
HSL	310°, 67%, 48%
HSV	310°, 80%, 80%
XYZ	33.6306, 17.5976, 43.2191
YIQ	105.2410, 53.4920, 76.8520

# Conversions

## Conversions Part 2

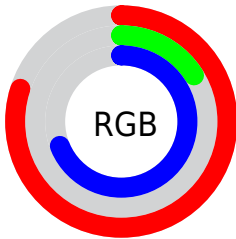
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 41, 177</a>
Decimal	<a href="#">13380017</a>
CIELab	<a href="#">49.00, 73.45, -34.91</a>
CIElCh	<a href="#">49, 81.327, 334.582</a>
Yxy	<a href="#">17.5976, 0.3561, 0.1863</a>
Android (android.graphics.Color)	<a href="#">4291570097 (0xFFCC29B1)</a>
YUV	<a href="#">105.2410, 35.3772, 86.6116</a>
Hunter-Lab	<a href="#">41.9495, 69.6907, -31.7199</a>

# Details

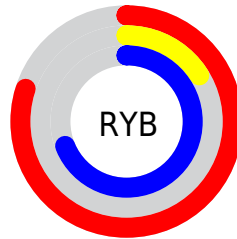
The Decimal color **13380017** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **2739268**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16739049**, and **9502844** is the 20% darker color. If you saturate the color by 10%, you get **13374894**, and if you desaturate by 10%, it is **13385140**.

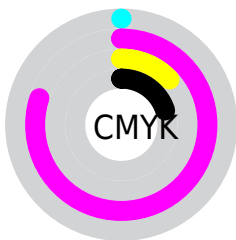
# Distribution



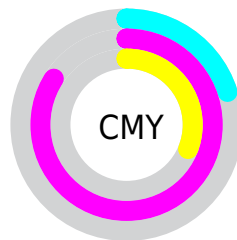
- Red (80%)
- Green (16%)
- Blue (69%)



- Red (80%)
- Yellow (16%)
- Blue (69%)



- Cyan (0%)
- Magenta (80%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13380017 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 13380017 by changing the saturation by 10% instead.



 13380017       13380017

16777215       11403414

 16739049       9502844

 16746751       7667811

 16754175       5832778

 16761599       4128819

 16769279       2162717

16776959       0

 13380017       13380017

 13374894       13385140

■ 13369514

■ 13390520

■ 13395643

■ 13401023

■ 13406146

■ 13411269

■ 13416649

■ 13421772

■ 13427151

# Harmonies

## Analogous

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



8084712



13380017



15269997

# Triad

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



13380017



8746240



37314

# Complementary

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



13380017



2739268

# 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.



37246



13380017



3704064

# Square

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



13380017



12278016



36148



35826

# Rectangle

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



13380017



15077696



36148



37292



# Sweetspot

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



13380017



16761589



4270540



8412025



0



8421504



# Same Dimension

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



13380017



16714454



13379938



6708324



10879114



2490400



# Inverse Universe

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



13380017



16714454



2739347



6708324



10879114



2490400



# Previews

## White Background



This preview shows how the Decimal color 13380017 looks on a white background.

## Color Contrast Check

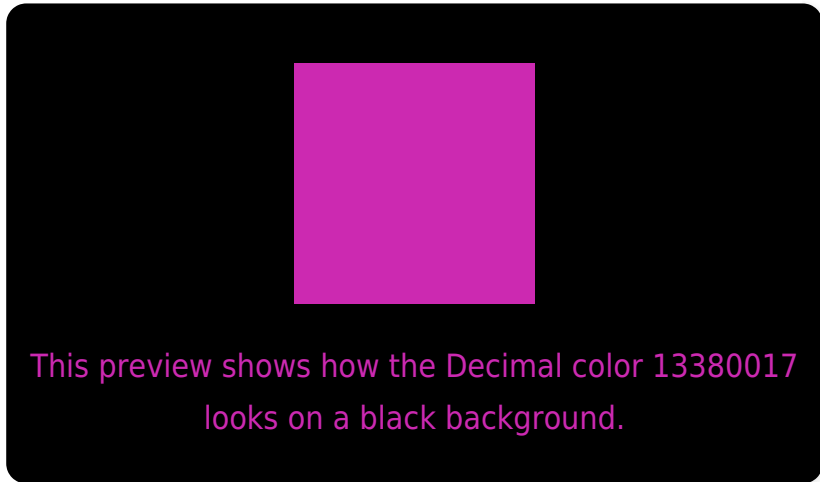
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

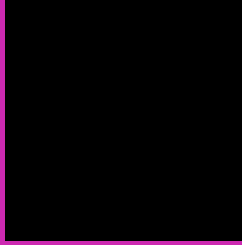
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13380017 Background



This preview shows how black text looks on a background with the Decimal color 13380017.



This preview shows how white text looks on a background with the Decimal color 13380017.

# 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

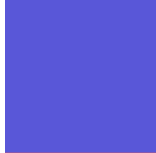




# Trichromacy



**Original Color**  
13380017



**Protanomaly**  
5855192



**Deuteranomaly**  
9001387



**Tritanomaly**  
12992629

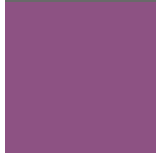
# Monochromacy



**Original Color**  
13380017



**Achromatopsia**  
6908265



**Achromatomaly**  
9261699

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13380017 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 #CC29B1 looks like.

```
.text, #text, p{  
    color:#CC29B1  
}
```

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 #CC29B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC29B1
}
```

## Border

The CSS property to change the border of an element to Decimal 13380017 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
#CC29B1 }
```

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

```
.border{ border-color:#CC29B1 }
```

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

Here you see how a box with a 4 pixel #CC29B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC29B1; -webkit-box-shadow:4px 4px  
4px 4px #CC29B1; box-shadow:4px 4px 4px  
4px #CC29B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 13380017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC29B1 }
```

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

```
.background{ background-color:#CC29B1 }
```

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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