

# Converting Colors

Decimal(13172912)

Have a look what the booklet for  
Decimal(13172912) contains.

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**Color**

**Decimal(13172912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C900B0
RGB	201, 0, 176
RGB Percent	79%, 0%, 69%
CMY	0.2118, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.12, 0.21
HSL	307°, 100%, 39%
HSV	307°, 100%, 79%
XYZ	31.9239, 15.5521, 42.3936
YIQ	80.1630, 63.3000, 97.3480

# Conversions

## Conversions Part 2

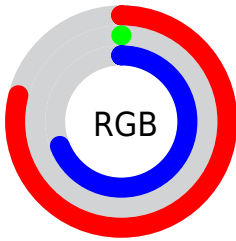
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 0, 176
Decimal	13172912
CIE <sub>Lab</sub>	46.38, 78.67, -38.49
CIE <sub>LCh</sub>	46, 87.584, 333.932
Yxy	15.5521, 0.3552, 0.1731
Android (android.graphics.Color)	4291362992 (0xFFC900B0)
YUV	80.1630, 47.2476, 105.9740
Hunter-Lab	39.4361, 75.4839, -36.1310

# Details

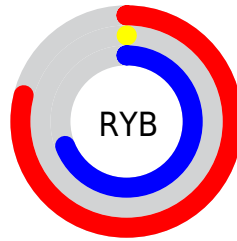
The Decimal color **13172912** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **51481**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16735208**, and **9306235** is the 20% darker color. If you saturate the color by 10%, you get **13172912**, and if you desaturate by 10%, it is **13178035**.

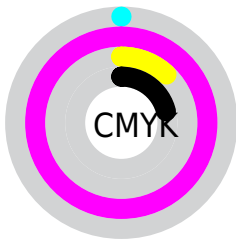
# Distribution



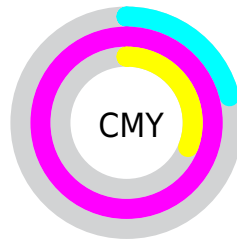
- Red (79%)
- Green (0%)
- Blue (69%)



- Red (79%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (21%)



















- Cyan (21%)
- Magenta (100%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13172912 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 13172912 by changing the saturation by 10% instead.




 13172912	 13172912
 16777215	 11206805
 16735208	 9306235
 16742911	 7405665
 16750591	 5570633
 16758271	 3801138
 16765951	 1703964
 16773631	 0

 13172912

 13178035

 13183157

 13188280

 13193402

 13198781

 13203903

 13209026

 13214148

 13219271

# Harmonies

## Analogous

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



7165162



13172912



15204456

# Triad

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



13172912



8285952



35775

# Complementary

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



13172912



51481

# 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.



35446



13172912



2588416

# Square

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



13172912



12013312



34597



34548

# Rectangle

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



13172912



15007800



34597



35752



# Sweetspot

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



13172912



16757749



1507529



8409722



0



8421504



# Same Dimension

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



13172912



16711903



13172813



6511202



10682511



2359327



# Inverse Universe

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



13172912



16711903



51580



6511202



10682511



2359327



# Previews

## White Background



This preview shows how the Decimal color 13172912 looks on a white background.

## Color Contrast Check

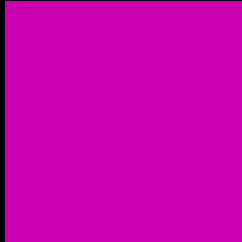
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 13172912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

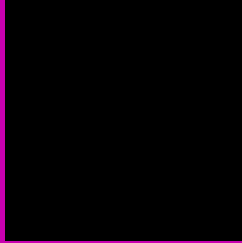
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 13172912 Background



This preview shows how black text looks on a background with the Decimal color 13172912.



This preview shows how white text looks on a background with the Decimal color 13172912.

# 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



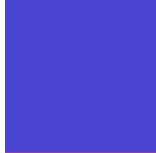


# Trichromacy



**Original Color**

13172912



**Protanomaly**

4802002



**Deuteranomaly**

8538025



**Tritanomaly**

12790894

# Monochromacy



**Original Color**

13172912



**Achromatopsia**

5263440



**Achromatomaly**

8139635

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13172912 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 #C900B0 looks like.

```
.text, #text, p{  
    color:#C900B0  
}
```

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 #C900B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C900B0
}
```

## Border

The CSS property to change the border of an element to Decimal 13172912 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
#C900B0 }
```

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

```
.border{ border-color:#C900B0 }
```

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

Here you see how a box with a 4 pixel #C900B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C900B0; -webkit-box-shadow:4px 4px  
4px 4px #C900B0; box-shadow:4px 4px 4px  
4px #C900B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13172912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C900B0 }
```

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

```
.background{ background-color:#C900B0 }
```

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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