

# Converting Colors

Android(4291363037)

Have a look what the booklet for  
Android(4291363037) contains.

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**Color**

**Android(4291363037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C900DD
RGB	201, 0, 221
RGB Percent	79%, 0%, 87%
CMY	0.2118, 1.0000, 0.1333
CMYK	0.09, 1.00, 0.00, 0.13
HSL	295°, 100%, 43%
HSV	295°, 100%, 87%
XYZ	37.1385, 17.6380, 69.8537
YIQ	85.2930, 48.8550, 111.3430

# Conversions

## Conversions Part 2

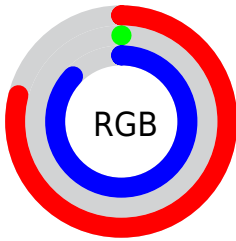
<b>Format</b>	<b>Color</b>
<b>RYB</b>	201, 0, 221
Decimal	13172957
CIELab	49.05, 85.13, -60.33
CIELCh	49, 104.343, 324.676
Yxy	17.6380, 0.2980, 0.1415
Android (android.graphics.Color)	4291363037 (0xFFC900DD)
YUV	85.2930, 66.9036, 101.4750
Hunter-Lab	41.9976, 84.3521, -69.2175

# Details

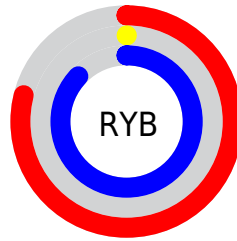
The Android color **4291363037** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **4279557376**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4294925823**, and **4287496357** is the 20% darker color. If you saturate the color by 10%, you get **4291363037**, and if you desaturate by 10%, it is **4291499741**.

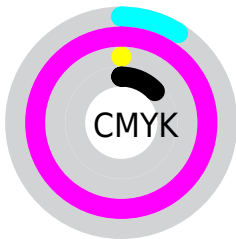
# Distribution



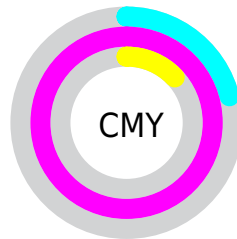
- Red (79%)
- Green (0%)
- Blue (87%)



- Red (79%)
- Yellow (0%)
- Blue (87%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)




- Cyan (21%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291363037 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 Android color 4291363037 by changing the saturation by 10% instead.



 4291363037

 4291363037

4294967295

 4289396929

 4294925823

 4287496357

 4294933759

 4285530250

 4294941695

 4283629680

 4294949375

 4281860182

 4294957055

 4279631934

 4294964735

 4278190887


 4278190352

 4278190080

 4291363037

 4291499741

 4291636445

 4291773149

 4291909853

 4292046813

 4292183517

 4292320221

 4292456925

 4292593629

# Harmonies

## Analogous

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



4278216191



4291363037



4294901897

# Triad

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



4291363037



4288441344



4278228669

# Complementary

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



4291363037



4279557376

# 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.



4278228066



4291363037



4282615040

# Square

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



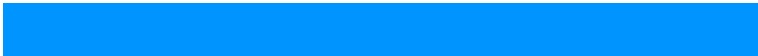
4291363037



4292491264



4278226944



4278228223

# Rectangle

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



4291363037



4294901839



4278226944



4278228640



# Sweetspot

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



4291363037



4294489087



4278195933



4286272128



4278190080



4286611584



# Same Dimension

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



4291363037



4293394687



4292673669



4285358958



4288544941



4280942638



# Inverse Universe

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



4292673556



4294901783



4278246744



4285424484



4289527824



4281204740



# Previews

## White Background



This preview shows how the Android color 4291363037 looks on a white background.

## Color Contrast Check

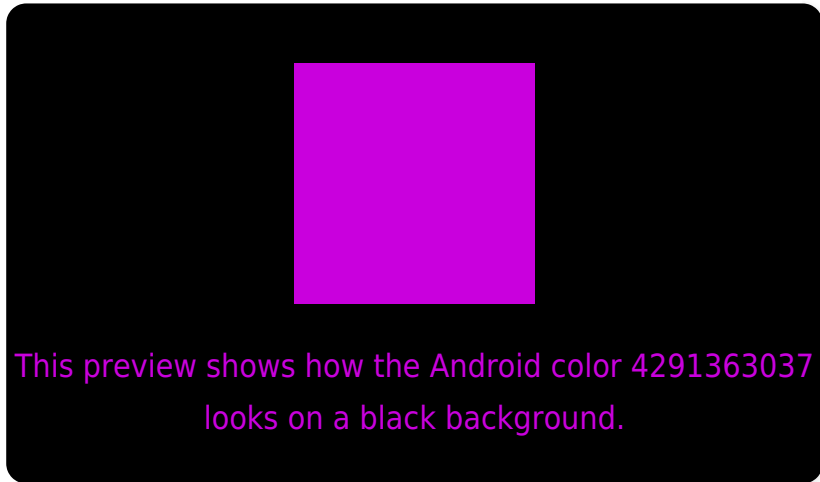
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4291363037 Background



This preview shows how black text looks on a background with the Android color 4291363037.



This preview shows how white text looks on a background with the Android color 4291363037.

# 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**  
4291363037

**Protanopia**  
4278219505

**Deuteranopia**  
4280907984



# Trichromacy



**Original Color**  
4291363037



**Protanomaly**  
4282993130



**Deuteranomaly**  
4284697813



**Tritanomaly**  
4290721676

# Monochromacy



**Original Color**  
4291363037



**Achromatopsia**  
4283782485



**Achromatomaly**  
4286527110

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291363037 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 `rgb(201, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 221)  
}
```

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 rgb(201, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 221) }
```

## Border

The CSS property to change the border of an element to Android 4291363037 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 rgb(201, 0, 221) }
```

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

```
.border{ border-color:rgb(201, 0, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4291363037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 221) }
```

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

```
.background{ background-color: rgb(201, 0,  
221) }
```

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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