

# Converting Colors

Android(4291570077)

Have a look what the booklet for  
Android(4291570077) contains.

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**Color**

**Android(4291570077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC299D
RGB	204, 41, 157
RGB Percent	80%, 16%, 62%
CMY	0.2000, 0.8392, 0.3843
CMYK	0.00, 0.80, 0.23, 0.20
HSL	317°, 67%, 48%
HSV	317°, 80%, 80%
XYZ	31.7806, 16.8576, 33.4771
YIQ	102.9610, 59.9120, 70.6320

# Conversions

## Conversions Part 2

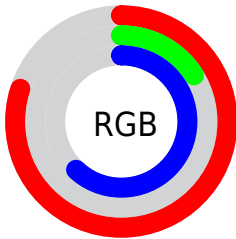
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 41, 157</a>
Decimal	<a href="#">13379997</a>
CIELab	<a href="#">48.08, 70.83, -24.50</a>
CIElCh	<a href="#">48, 74.950, 340.917</a>
Yxy	<a href="#">16.8576, 0.3870, 0.2053</a>
Android (android.graphics.Color)	<a href="#">4291570077 (0xFFCC299D)</a>
YUV	<a href="#">102.9610, 26.6412, 88.6112</a>
Hunter-Lab	<a href="#">41.0580, 66.3150, -19.6022</a>

# Details

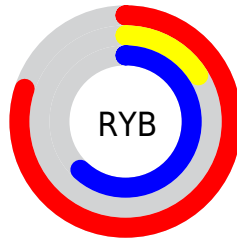
The Android color **4291570077** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **4280929368**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4294929108**, and **4287692905** is the 20% darker color. If you saturate the color by 10%, you get **4291564951**, and if you desaturate by 10%, it is **4291575203**.

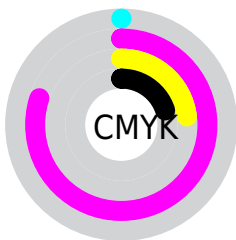
# Distribution



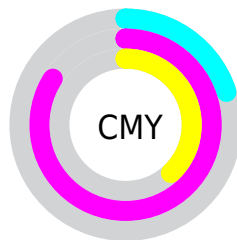
- Red (80%)
- Green (16%)
- Blue (62%)



- Red (80%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (80%)
- Yellow (23%)
- Black (20%)




- Cyan (20%)
- Magenta (84%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291570077 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 4291570077 by changing the saturation by 10% instead.



 4291570077

 4291570077

4294967295

 4289593475

 4294929108

 4287692905

 4294936560

 4285792337

 4294943999

 4283957306

 4294951423


 4282253348

 4294959103


 4280221706

4294966783

 4278190080

 4291570077

 4291570077

 4291564951

 4291575203

■ 4291559569

■ 4291580585

■ 4291585711

■ 4291591093

■ 4291596218

■ 4291601344

■ 4291606726

■ 4291611852

■ 4291617234

# Harmonies

## Analogous

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



4287517907



4291570077



4292809310

# Triad

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



4291570077



4285953792



4278226116

# Complementary

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



4291570077



4280929368

# 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.



4278226312



4291570077



4280714240

# Square

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



4291570077



4289421312



4278225478



4278224107

# Rectangle

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



4291570077



4292357685



4278225478



4278226354



# Sweetspot

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



4291570077



4294951661



4283902412



4286602101



4278190080



4286611584



# Same Dimension

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



4291570077



4294904504



4291569996



4284898403



4289069174



4280680475



# Inverse Universe

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



4291570077



4294904504



4280929449



4284898403



4289069174



4280680475



# Previews

## White Background



This preview shows how the Android color 4291570077 looks on a white background.

## Color Contrast Check

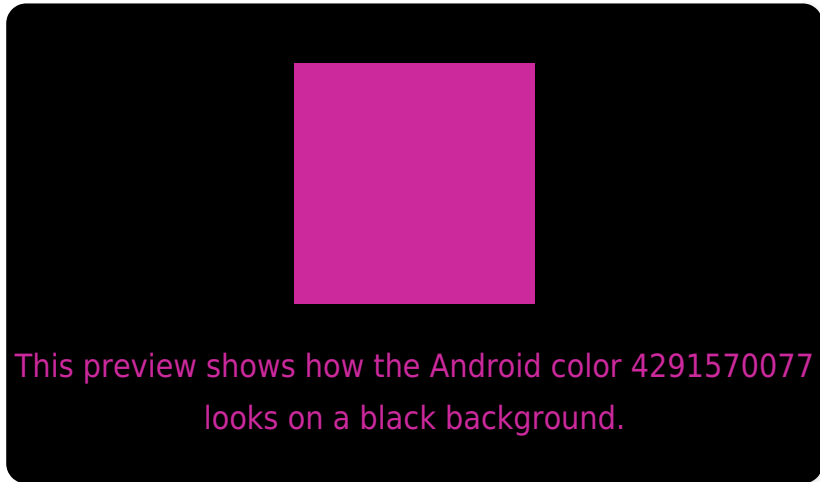
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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](#).



# Android 4291570077 Background



This preview shows how black text looks on a background with the Android color 4291570077.



This preview shows how white text looks on a background with the Android color 4291570077.

# 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**

4291570077



**Protanomaly**

4285748928



**Deuteranomaly**

4287649687



**Tritanomaly**

4291312745

# Monochromacy



**Original Color**

4291570077



**Achromatopsia**

4284966759



**Achromatomaly**

4287385723

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291570077 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(204, 41, 157)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 157)  
}
```

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(204, 41, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 157) }
```

## Border

The CSS property to change the border of an element to Android 4291570077 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(204, 41, 157) }
```

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

```
.border{ border-color:rgb(204, 41, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 41, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 157);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4291570077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 157) }
```

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

```
.background{ background-color: rgb(204, 41,  
157) }
```

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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