

# Converting Colors

Android(4291625199)

Have a look what the booklet for  
Android(4291625199) contains.

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**Color**

**Android(4291625199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD00EF
RGB	205, 0, 239
RGB Percent	80%, 0%, 94%
CMY	0.1961, 1.0000, 0.0627
CMYK	0.14, 1.00, 0.00, 0.06
HSL	291°, 100%, 47%
HSV	291°, 100%, 94%
XYZ	40.7568, 19.2111, 83.2213
YIQ	88.5410, 45.4610, 117.7890

# Conversions

## Conversions Part 2

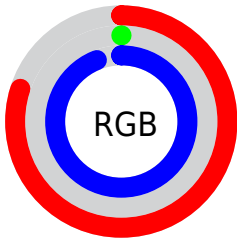
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 0, 239
Decimal	13435119
CIE <sub>Lab</sub>	50.93, 88.54, -67.46
CIE <sub>LCh</sub>	51, 111.308, 322.695
Yxy	19.2111, 0.2846, 0.1342
Android (android.graphics.Color)	4291625199 (0xFFCD00EF)
YUV	88.5410, 74.1763, 102.1345
Hunter-Lab	43.8305, 89.2790, -81.8931

# Details

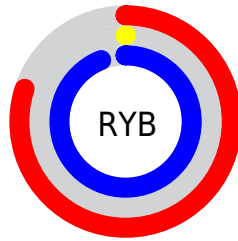
The Android color `4291625199` is a dark color, and the websafe version is hex `CC33FF`. The color can be described as middle washed magenta. A complement of this color would be `4280479488`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4294926335`, and `4287692982` is the 20% darker color. If you saturate the color by 10%, you get `4291625199`, and if you desaturate by 10%, it is `4291827951`.

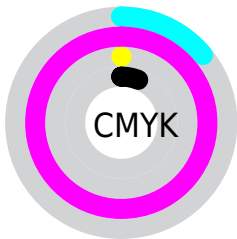
# Distribution



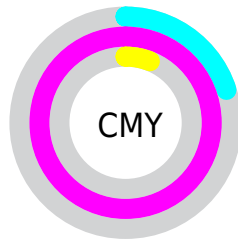
- Red (80%)
- Green (0%)
- Blue (94%)



- Red (80%)
- Yellow (0%)
- Blue (94%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)




- Cyan (20%)
- Magenta (100%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291625199 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 4291625199 by changing the saturation by 10% instead.



 4291625199

 4291625199

4294967295

 4289659090

 4294926335

 4287692982

 4294934527

 4285726874

 4294942207

 4283760767

 4294949887

 4281925733

 4294957823


 4279500876

 4294965503

 4278190132

 4278190622

 4278190080

 4291625199

 4291827951

 4292096239

 4292298991

 4292567279

 4292769775

 4292972527

 4293240815

 4293443567

 4293711855

# Harmonies

## Analogous

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



4278217983



4291625199



4294901909

# Triad

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



4291625199



4289162752



4278230465

# Complementary

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



4291625199



4280479488

# 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.



4278229598



4291625199



4283140352

# Square

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



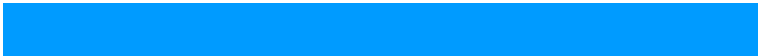
4291625199



4293472000



4278228224



4278230015

# Rectangle

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



4291625199



4294901847



4278228224



4278230177



# Sweetspot

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



4291625199



4294226943



4278199535



4286141056



4278190080



4286611584



# Same Dimension

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



4291625199



4292542719



4293853339



4285951096



4288479416



4281335864



# Inverse Universe

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



4293853218



4294901796



4278251348



4286082158



4290248730



4281860104



# Previews

## White Background



This preview shows how the Android color 4291625199 looks on a white background.

## Color Contrast Check

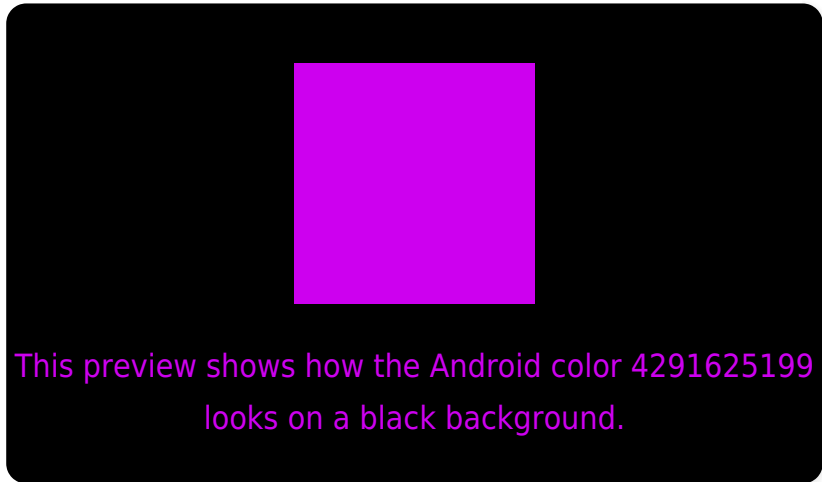
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4291625199 Background



This preview shows how black text looks on a background with the Android color 4291625199.



This preview shows how white text looks on a background with the Android color 4291625199.

# 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**  
4291625199

**Protanopia**  
4278220794

**Deuteranopia**  
4278222301



# Trichromacy



**Original Color**

4291625199



**Protanomaly**

4283124982



**Deuteranomaly**

4283125988



**Tritanomaly**

4290919575

# Monochromacy



**Original Color**

4291625199



**Achromatopsia**

4284045657



**Achromatomaly**

4286790032

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291625199 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(205, 0, 239)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 239)  
}
```

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(205, 0, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 239) }
```

## Border

The CSS property to change the border of an element to Android 4291625199 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(205, 0, 239) }
```

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

```
.border{ border-color:rgb(205, 0, 239) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 239);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4291625199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 239) }
```

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

```
.background{ background-color: rgb(205, 0,  
239) }
```

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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