

# Converting Colors

Android(4291563209)

Have a look what the booklet for  
Android(4291563209) contains.

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**Color**

**Android(4291563209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0EC9
RGB	204, 14, 201
RGB Percent	80%, 5%, 79%
CMY	0.2000, 0.9451, 0.2118
CMYK	0.00, 0.93, 0.01, 0.20
HSL	301°, 87%, 43%
HSV	301°, 93%, 80%
XYZ	35.6015, 17.3685, 56.7344
YIQ	92.1280, 53.2130, 98.4370

# Conversions

## Conversions Part 2

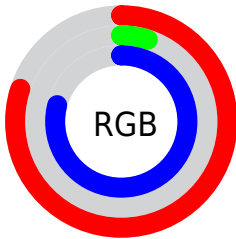
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 14, 201
Decimal	13373129
CIE <sub>Lab</sub>	48.72, 81.45, -49.35
CIE <sub>LCh</sub>	49, 95.237, 328.790
Yxy	17.3685, 0.3245, 0.1583
Android (android.graphics.Color)	4291563209 (0xFFCC0EC9)
YUV	92.1280, 53.6739, 98.1117
Hunter-Lab	41.6755, 79.5522, -51.5407

# Details

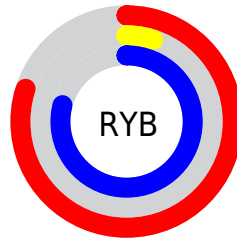
The Android color **4291563209** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **4279159825**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4294926591**, and **4287692946** is the 20% darker color. If you saturate the color by 10%, you get **4291559625**, and if you desaturate by 10%, it is **4291568329**.

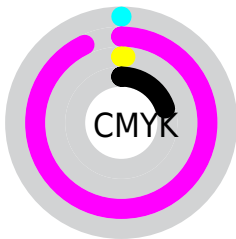
# Distribution



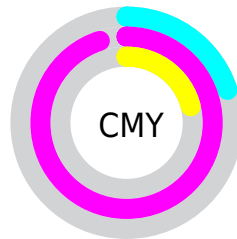
- Red (80%)
- Green (5%)
- Blue (79%)



- Red (80%)
- Yellow (5%)
- Blue (79%)



- Cyan (0%)
- Magenta (93%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (95%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291563209 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 4291563209 by changing the saturation by 10% instead.



 4291563209

 4291563209

4294967295

 4289593517

 4294926591

 4287692946

 4294934271

 4285792376

 4294941951

 4283891806

 4294949631

 4282187846


 4294957311


 4280156206

 4294964991

 4278190360

 4278190080

 4291563209

 4291563209

■ 4291559625

■ 4291568329

■ 4291573706

■ 4291578826

■ 4291584202

■ 4291589323

■ 4291594443

■ 4291599819

■ 4291604940

■ 4291610316

# Harmonies

## Analogous

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



4283260927



4291563209



4294312059

# Triad

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



4291563209



4287655936



4278227904

# Complementary

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



4291563209



4279159825

# 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.



4278227566



4291563209



4282156032

# Square

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



4291563209



4291577856



4278226440



4278227199

# Rectangle

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



4291563209



4294443078



4278226440



4278227878



# Sweetspot

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



4291563209



4294949118



4279111372



4286600319



4278190080



4286611584



# Same Dimension

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



4291563209



4294902011



4291563117



4284898406



4289069219



4280680486



# Inverse Universe

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



4291563209



4294902011



4279159917



4284898406



4289069219



4280680486



# Previews

## White Background



This preview shows how the Android color 4291563209 looks on a white background.

## Color Contrast Check

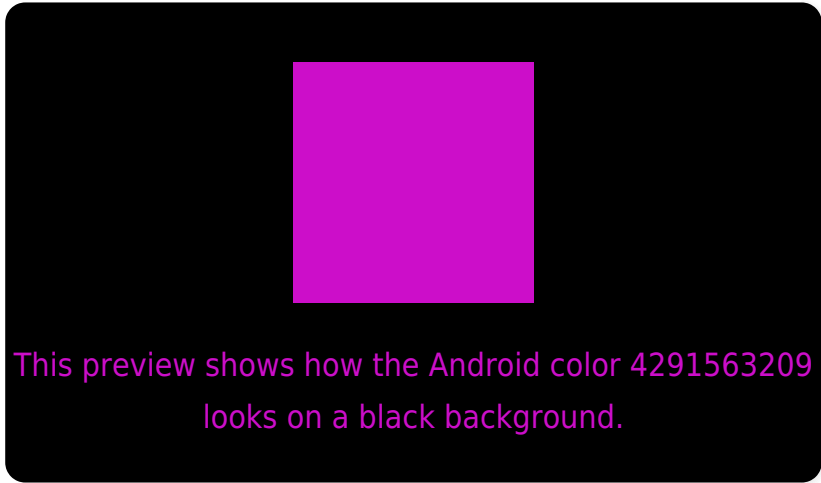
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291563209 Background



This preview shows how black text looks on a background with the Android color 4291563209.



This preview shows how white text looks on a background with the Android color 4291563209.

# 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**

4291563209



**Protanomaly**

4283059681



**Deuteranomaly**

4286140609



**Tritanomaly**

4291049599

# Monochromacy



**Original Color**

4291563209



**Achromatopsia**

4284243036



**Achromatomaly**

4286922884

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291563209 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, 14, 201)` looks like.

```
.text, #text, p{  
    color:rgb(204, 14, 201)  
}
```

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, 14, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 14, 201) }
```

## Border

The CSS property to change the border of an element to Android 4291563209 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, 14, 201) }
```

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

```
.border{ border-color:rgb(204, 14, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 14, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 14, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 14, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 14,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4291563209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 14, 201) }
```

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

```
.background{ background-color: rgb(204, 14,  
201) }
```

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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