

# Converting Colors

Android(4291494109)

Have a look what the booklet for  
Android(4291494109) contains.

<b>Android(4291494109)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4291494109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB00DD
RGB	203, 0, 221
RGB Percent	80%, 0%, 87%
CMY	0.2039, 1.0000, 0.1333
CMYK	0.08, 1.00, 0.00, 0.13
HSL	295°, 100%, 43%
HSV	295°, 100%, 87%
XYZ	37.6797, 17.9170, 69.8790
YIQ	85.8910, 50.0470, 111.7670

# Conversions

## Conversions Part 2

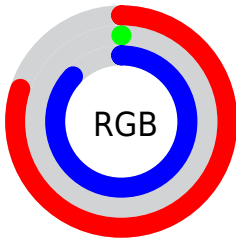
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 0, 221
Decimal	13304029
CIE <sub>Lab</sub>	49.40, 85.43, -59.76
CIE <sub>LCh</sub>	49, 104.258, 325.024
Yxy	17.9170, 0.3003, 0.1428
Android (android.graphics.Color)	4291494109 (0xFFFCB00DD)
YUV	85.8910, 66.6087, 102.7046
Hunter-Lab	42.3284, 84.8216, -68.2505

# Details

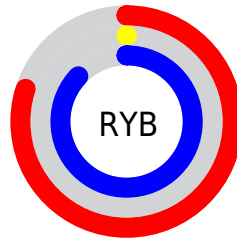
The Android color **4291494109** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **4279426304**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4294926079**, and **4287561893** is the 20% darker color. If you saturate the color by 10%, you get **4291494109**, and if you desaturate by 10%, it is **4291630813**.

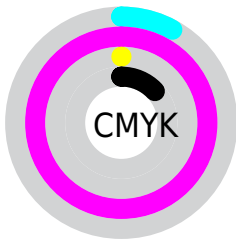
# Distribution



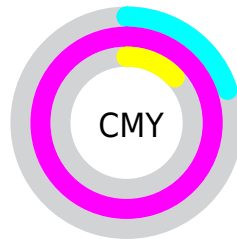
- Red (80%)
- Green (0%)
- Blue (87%)



- Red (80%)
- Yellow (0%)
- Blue (87%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291494109 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 4291494109 by changing the saturation by 10% instead.



 4291494109

 4291494109

4294967295

 4289528001

 4294926079

 4287561893

 4294934015

 4285661322

 4294941695

 4283760752

 4294949375

 4281991254

 4294957055

 4279763006


 4294964991


 4278190887


 4278190352

 4278190080

 4291494109

 4291630813

 4291767517

 4291838685

 4291975389

 4292112349

 4292249053

 4292385757

 4292456925

 4292593629

# Harmonies

## Analogous

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



4278216191



4291494109



4294901896

# Triad

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



4291494109



4288441856



4278228927

# Complementary

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



4291494109



4279426304

# 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.



4278228324



4291494109



4282615296

# Square

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



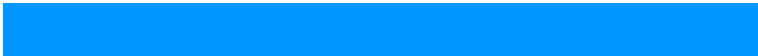
4291494109



4292557312



4278227200



4278228479

# Rectangle

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



4291494109



4294901839



4278227200



4278228897



# Sweetspot

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



4291494109



4294554623



4278194909



4286337664



4278190080



4286611584



# Same Dimension

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



4291494109



4293525759



4292673665



4285358958



4288610477



4280942638



# Inverse Universe

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



4292673554



4294901781



4278246748



4285424484



4289527822



4281204740



# Previews

## White Background



This preview shows how the Android color 4291494109 looks on a white background.

## Color Contrast Check

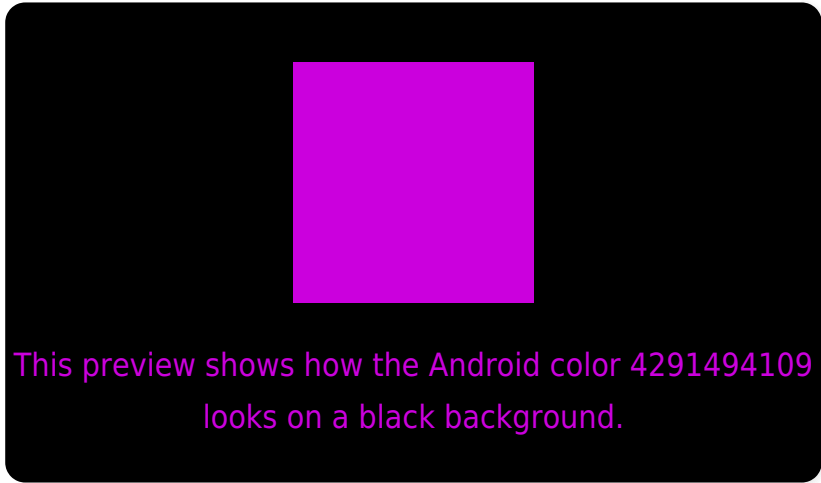
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291494109 Background



This preview shows how black text looks on a background with the Android color 4291494109.



This preview shows how white text looks on a background with the Android color 4291494109.

# 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**  
4291494109

**Protanopia**  
4278219763

**Deuteranopia**  
4281235920



# Trichromacy



**Original Color**

4291494109



**Protanomaly**

4283058667



**Deuteranomaly**

4284960213



**Tritanomaly**

4290852748

# Monochromacy



**Original Color**

4291494109



**Achromatopsia**

4283848278



**Achromatomaly**

4286658439

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291494109 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(203, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 221) }
```

## Border

The CSS property to change the border of an element to Android 4291494109 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(203, 0, 221) }
```

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

```
.border{ border-color:rgb(203, 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(203, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 0,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4291494109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 221) }
```

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

```
.background{ background-color: rgb(203, 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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