

# Converting Colors

Android(4291209931)

Have a look what the booklet for  
Android(4291209931) contains.

<b>Android(4291209931)</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(4291209931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6AACB
RGB	198, 170, 203
RGB Percent	78%, 67%, 80%
CMY	0.2235, 0.3333, 0.2039
CMYK	0.02, 0.16, 0.00, 0.20
HSL	291°, 24%, 73%
HSV	291°, 16%, 80%
XYZ	48.4429, 45.0670, 62.6455
YIQ	182.1340, 6.0950, 16.1990

# Conversions

## Conversions Part 2

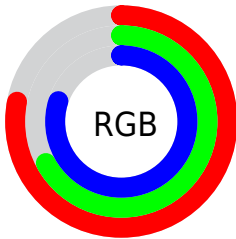
Format	Color
<b>RYB</b>	198, 170, 203
Decimal	13019851
CIELab	72.94, 16.05, -13.01
CIELCh	73, 20.657, 320.978
Yxy	45.0670, 0.3102, 0.2886
Android (android.graphics.Color)	4291209931 (0xFFC6AACB)
YUV	182.1340, 10.2869, 13.9145
Hunter-Lab	67.1320, 11.3260, -8.3352

# Details

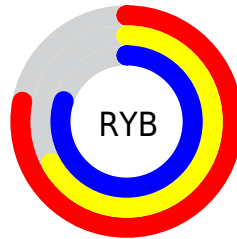
The Android color `4291209931` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4289711018`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4294959615`, and `4287657621` is the 20% darker color. If you saturate the color by 10%, you get `4291008203`, and if you desaturate by 10%, it is `4291411659`.

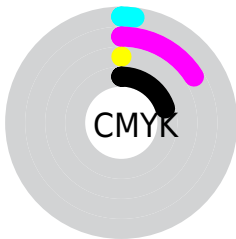
# Distribution



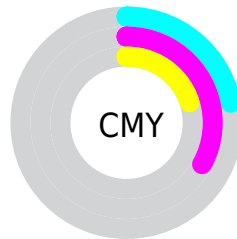
- Red (78%)
- Green (67%)
- Blue (80%)



- Red (78%)
- Yellow (67%)
- Blue (80%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291209931 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 4291209931 by changing the saturation by 10% instead.





4291209931



4291209931

4294967295



4289433520



4294959615



4287657621

4294967039



4285947259



4284302690



4282724170



4281276724




4279959583



4278190082



4278190080

 4291209931

 4291209931

 4291008203

 4291411659

 4290806219

 4291613643

 4290604491

 4291815371

 4290402763

 4292017099

 4290201035

 4292214731

 4289999051

 4292411339

 4289731787

 4292673483

 4289530059

 4292870091

 4289462475

 4293066699

# Harmonies

## Analogous

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



4289704150



4291209931



4292191930

# Triad

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



4291209931



4291276942



4286627520

# Complementary

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



4291209931



4289711018

# 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.



4287282860



4291209931



4289967760

# Square

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



4291209931



4292192918



4288592795



4286888912

# Rectangle

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



4291209931



4292519597



4288592795



4286758585



# Sweetspot

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



4291209931



4294832895



4289376459



4286478464



4278190080



4286611584



# Same Dimension

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



4291209931



4294429951



4291537600



4284767334



4287430822



4280287270



# Inverse Universe

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



4291537583



4294954196



4289383349



4284898397



4289069081

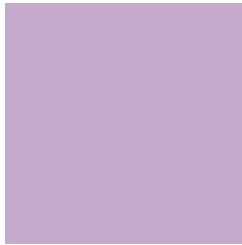


4280680454



# Previews

## White Background



This preview shows how the Android color 4291209931 looks on a white background.

## Color Contrast Check

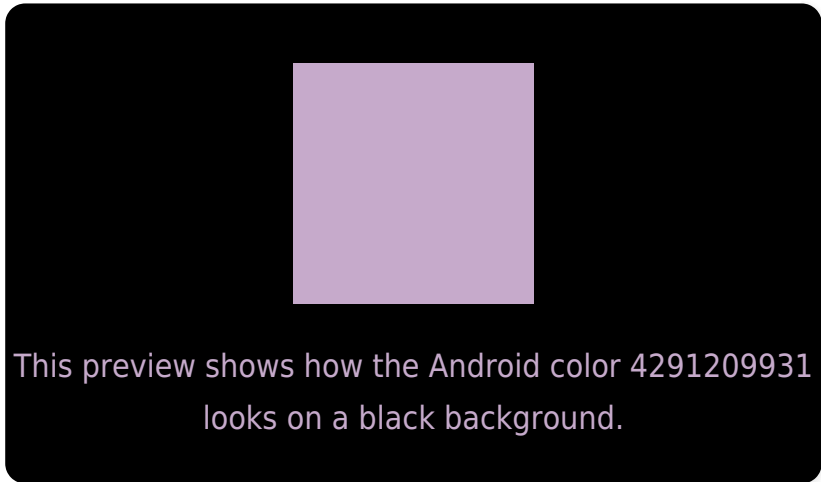
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291209931 Background



This preview shows how black text looks on a background with the Android color 4291209931.



This preview shows how white text looks on a background with the Android color 4291209931.

# 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**  
4291209931

**Protanopia**  
4289639120

**Deuteranopia**  
4290424522



**Tritanopia**  
4291079610

# Trichromacy



**Original Color**  
4291209931

**Protanomaly**  
4290228174

**Deuteranomaly**  
4290686410

**Tritanomaly**  
4291144896

# Monochromacy



**Original Color**  
4291209931

**Achromatopsia**  
4290164406

**Achromatomaly**  
4290556606

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291209931 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(198, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 170, 203)  
}
```

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(198, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 170, 203) }
```

## Border

The CSS property to change the border of an element to Android 4291209931 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(198, 170, 203) }
```

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

```
.border{ border-color:rgb(198, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 170,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4291209931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 170, 203) }
```

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

```
.background{ background-color: rgb(198,  
170, 203) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor