

# Converting Colors

Android(4291800012)

Have a look what the booklet for  
Android(4291800012) contains.

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# **Color**

**Android(4291800012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFABCC
RGB	207, 171, 204
RGB Percent	81%, 67%, 80%
CMY	0.1882, 0.3294, 0.2000
CMYK	0.00, 0.17, 0.01, 0.19
HSL	305°, 27%, 74%
HSV	305°, 17%, 81%
XYZ	51.1941, 46.7509, 63.4523
YIQ	185.5260, 10.8630, 17.8950

# Conversions

## Conversions Part 2

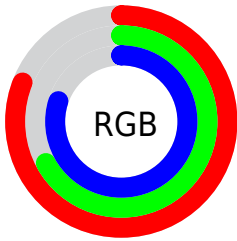
Format	Color
R <sub>Y</sub> B	207, 171, 204
Decimal	13609932
CIE Lab	74.03, 18.75, -11.83
CIE LCh	74, 22.174, 327.756
Yxy	46.7509, 0.3172, 0.2897
Android (android.graphics.Color)	4291800012 (0xFFCFABCC)
YUV	185.5260, 9.1077, 18.8327
Hunter-Lab	68.3746, 13.9928, -7.1595

# Details

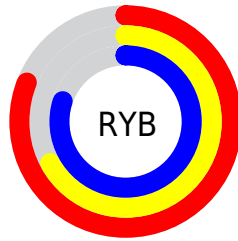
The Android color `4291800012` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4289449902`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4294959871`, and `4288182166` is the 20% darker color. If you saturate the color by 10%, you get `4291794634`, and if you desaturate by 10%, it is `4291805390`.

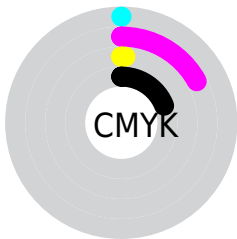
# Distribution



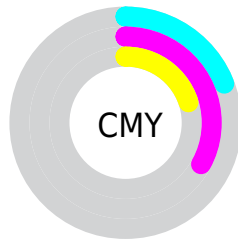
- Red (81%)
- Green (67%)
- Blue (80%)



- Red (81%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291800012 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 4291800012 by changing the saturation by 10% instead.





4291800012



4291800012

4294967295



4289958065



4294959871



4288182166



4286471804



4284827235



4283248459



4281669940



4280353055




4278190084




4278190080

 4291800012


 4291800012

 4291794634

 4291805390

 4291789513


 4291810511

 4291784135

 4291815889

 4291778757


 4291821267

 4291773379


 4291821525

 4291768258


 4291821526

 4291762880

 4291821528

 4291757502

 4291821530

 4291756222

 4291821532

# Harmonies

## Analogous

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



4290294234



4291800012



4292716728

# Triad

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



4291800012



4291277966



4286431688

# Complementary

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



4291800012



4289449902

# 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.



4287021748



4291800012



4289837714

# Square

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



4291800012



4292390292



4288331680



4286955224

# Rectangle

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



4291800012



4292913322



4288331680



4286497474



# Sweetspot

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



4291800012



4294963966



4289637327



4286609535



4278190080



4286611584



# Same Dimension

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



4291800012



4294953467



4291799994



4285095528



4289200282



4280877093



# Inverse Universe

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



4291800012



4294953467



4289449920



4285095528



4289200282

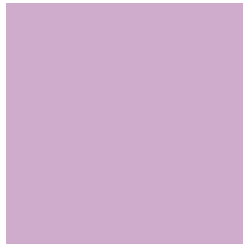


4280877093



# Previews

## White Background



This preview shows how the Android color 4291800012 looks on a white background.

## Color Contrast Check

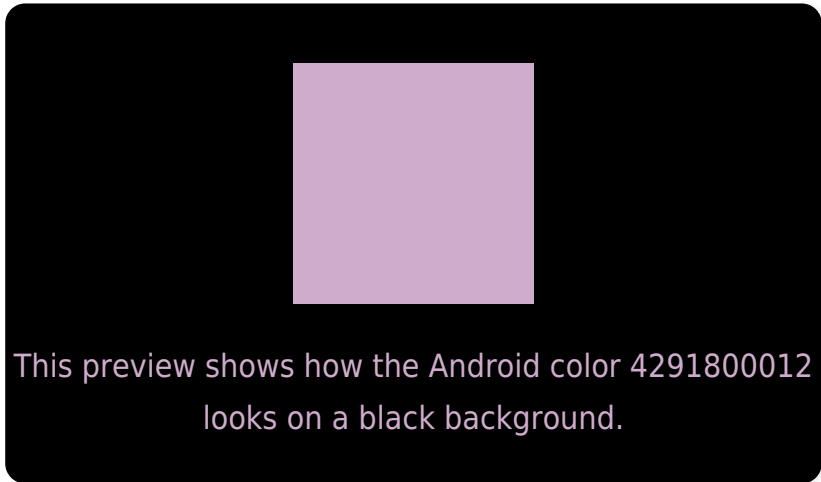
Large Text (above 18pt) WCAG AA × Fail

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

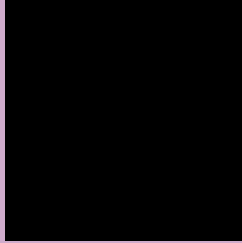
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291800012 Background



This preview shows how black text looks on a background with the Android color 4291800012.



This preview shows how white text looks on a background with the Android color 4291800012.

# 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**  
4291800012

**Protanopia**  
4289836498

**Deuteranopia**  
4290687435



**Tritanopia**  
4291669691

# Trichromacy



**Original Color**  
4291800012

**Protanomaly**  
4290556368

**Deuteranomaly**  
4291080139

**Tritanomaly**  
4291734977

# Monochromacy



**Original Color**  
4291800012

**Achromatopsia**  
4290427578

**Achromatomaly**  
4290950593

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291800012 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(207, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 204)  
}
```

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(207, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 204) }
```

## Border

The CSS property to change the border of an element to Android 4291800012 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(207, 171, 204) }
```

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

```
.border{ border-color:rgb(207, 171, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4291800012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 204) }
```

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

```
.background{ background-color: rgb(207,  
171, 204) }
```

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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