

# Converting Colors

Android(4291271347)

Have a look what the booklet for  
Android(4291271347) contains.

<b>Android(4291271347)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291271347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C79AB3
RGB	199, 154, 179
RGB Percent	78%, 60%, 70%
CMY	0.2196, 0.3961, 0.2980
CMYK	0.00, 0.23, 0.10, 0.22
HSL	327°, 29%, 69%
HSV	327°, 23%, 78%
XYZ	43.2455, 38.5080, 47.8013
YIQ	170.3050, 18.7950, 17.3150

# Conversions

## Conversions Part 2

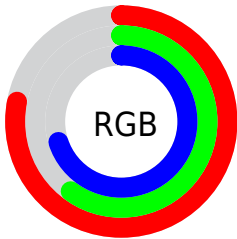
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 154, 179
Decimal	13081267
CIE <sub>Lab</sub>	68.39, 20.80, -6.50
CIE <sub>LCh</sub>	68, 21.793, 342.650
Yxy	38.5080, 0.3338, 0.2972
Android (android.graphics.Color)	4291271347 (0xFFC79AB3)
YUV	170.3050, 4.2866, 25.1655
Hunter-Lab	62.0548, 15.7992, -2.2332

# Details

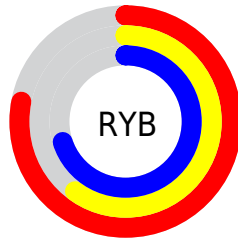
The Android color `4291271347` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288333742`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4294955499`, and `4287719294` is the 20% darker color. If you saturate the color by 10%, you get `4291266218`, and if you desaturate by 10%, it is `4291276476`.

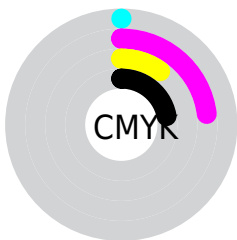
# Distribution



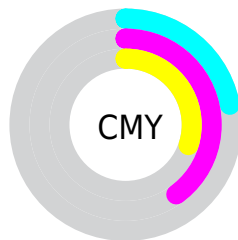
- Red (78%)
- Green (60%)
- Blue (70%)



- Red (78%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291271347 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 4291271347 by changing the saturation by 10% instead.





4291271347



4291271347

4294967295



4289429656



4294955499



4287719294



4294962687



4286008933



4284299085



4282720567



4281207585



4279828490




4278190080




4291271347



4291271347

 4291266218

 4291276476


 4291261089

 4291281605

 4291255960

 4291286734

 4291250832


 4291291862

 4291245703

 4291296991

 4291240830

 4291297256

 4291235701

 4291297265

 4291231855

 4291297274

 4291297279

# Harmonies

## Analogous

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



4290027460



4291271347



4291795359

# Triad

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



4291271347



4289570944



4285640897

# Complementary

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



4291271347



4288333742

# 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.



4285706927



4291271347



4288130697

# Square

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



4291271347



4290814594



4286689690



4286688460

# Rectangle

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



4291271347



4291730066



4286689690



4285510075



# Sweetspot

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



4291271347



4294962679



4289632967



4286608763



4278190080



4286611584



# Same Dimension

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



4291271347



4294949600



4291271325



4284701279



4288872539



4280549396



# Inverse Universe

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



4291271347



4294949600



4288333764



4284701279



4288872539



4280549396



# Previews

## White Background



This preview shows how the Android color 4291271347 looks on a white background.

## Color Contrast Check

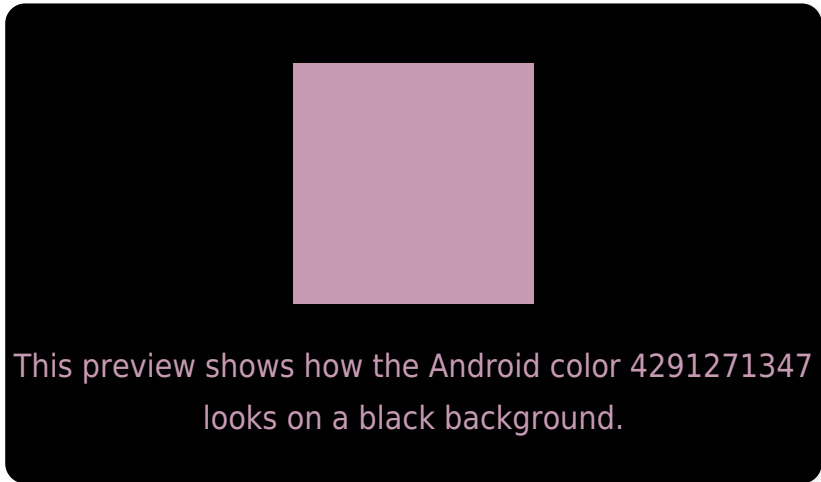
Large Text (above 18pt) WCAG AA × Fail

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 4291271347 Background



This preview shows how black text looks on a background with the Android color 4291271347.



This preview shows how white text looks on a background with the Android color 4291271347.

# 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**  
4291271347

**Protanopia**  
4288980666

**Deuteranopia**  
4289897137



**Tritanopia**  
4291206312

# Trichromacy



**Original Color**  
4291271347

**Protanomaly**  
4289831607

**Deuteranomaly**  
4290420658

**Tritanomaly**  
4291206060

# Monochromacy



**Original Color**  
4291271347

**Achromatopsia**  
4289374890

**Achromatomaly**  
4290094253

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291271347 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(199, 154, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 179)  
}
```

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(199, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 179) }
```

## Border

The CSS property to change the border of an element to Android 4291271347 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(199, 154, 179) }
```

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

```
.border{ border-color:rgb(199, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4291271347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 179) }
```

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

```
.background{ background-color: rgb(199,  
154, 179) }
```

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