

# Converting Colors

Android(4291796937)

Have a look what the booklet for  
Android(4291796937) contains.

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# **Color**

**Android(4291796937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9FC9
RGB	207, 159, 201
RGB Percent	81%, 62%, 79%
CMY	0.1882, 0.3765, 0.2118
CMYK	0.00, 0.23, 0.03, 0.19
HSL	308°, 33%, 72%
HSV	308°, 23%, 81%
XYZ	48.6729, 42.2787, 60.8536
YIQ	178.1400, 15.1260, 23.2380

# Conversions

## Conversions Part 2

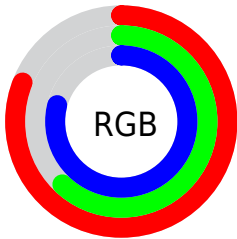
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 159, 201
Decimal	13606857
CIE <sub>Lab</sub>	71.06, 24.75, -14.63
CIE <sub>LCh</sub>	71, 28.756, 329.409
Yxy	42.2787, 0.3206, 0.2785
Android (android.graphics.Color)	4291796937 (0xFFCF9FC9)
YUV	178.1400, 11.2700, 25.3102
Hunter-Lab	65.0221, 19.8292, -9.9735

# Details

The Android color `4291796937` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288663461`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4294956799`, and `4288179091` is the 20% darker color. If you saturate the color by 10%, you get `4291791558`, and if you desaturate by 10%, it is `4291802316`.

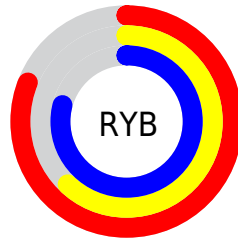
# Distribution



Red (81%)

Green (62%)

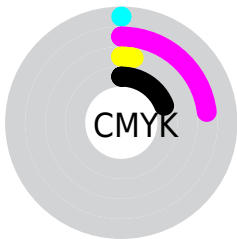
Blue (79%)



Red (81%)

Yellow (62%)

Blue (79%)

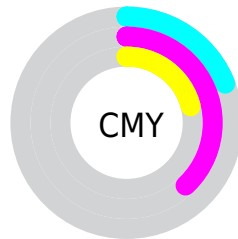


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (19%)



Cyan (19%)

Magenta (38%)


Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291796937 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 4291796937 by changing the saturation by 10% instead.



 4291796937

 4291796937

4294967295

 4289955246

 4294956799

 4288179091

 4294964223

 4286468729

 4284758880

 4283180104


 4281601586


 4280352797

 4278190080

 4291796937

 4291796937

 4291791558


 4291802316

 4291786436


 4291807438

 4291781057

 4291812817

 4291775679

 4291818195

 4291770300


 4291821526

 4291765177

 4291821529

 4291759799

 4291821531

 4291756213

 4291821534

 4291821536

# Harmonies

## Analogous

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



4289832923



4291796937



4292909999

# Triad

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



4291796937



4290882682



4284267719

# Complementary

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



4291796937



4288663461

# 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.



4285250732



4291796937



4289049728

# Square

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



4291796937



4292322178



4287085203



4285184218

# Rectangle

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



4291796937



4293106590



4287085203



4284464318



# Sweetspot

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



4291796937



4294962685



4289044431



4286608766



4278190080



4286611584



# Same Dimension

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



4291796937



4294949110



4291796913



4285095527



4289200275



4280877092



# Inverse Universe

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



4291796937



4294949110



4288663485



4285095527



4289200275

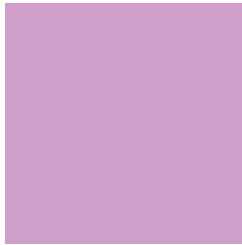


4280877092



# Previews

## White Background



This preview shows how the Android color 4291796937 looks on a white background.

## Color Contrast Check

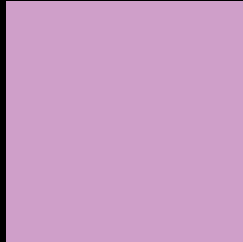
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291796937 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

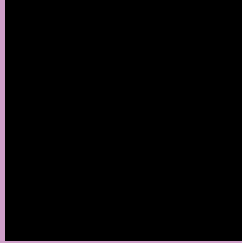
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291796937 Background



This preview shows how black text looks on a background with the Android color 4291796937.



This preview shows how white text looks on a background with the Android color 4291796937.

# 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





**Tritanopia**  
4291601328

# Trichromacy



**Original Color**  
4291796937

**Protanomaly**  
4290095311

**Deuteranomaly**  
4290619080

**Tritanomaly**  
4291666617

# Monochromacy



**Original Color**  
4291796937

**Achromatopsia**  
4289901234

**Achromatomaly**  
4290620346

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291796937 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, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 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(207, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 201) }
```

## Border

The CSS property to change the border of an element to Android 4291796937 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, 159, 201) }
```

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

```
.border{ border-color:rgb(207, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4291796937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 201) }
```

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

```
.background{ background-color: rgb(207,  
159, 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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