

# Converting Colors

Android(4291468739)

Have a look what the booklet for  
Android(4291468739) contains.

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# **Color**

**Android(4291468739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA9DC3
RGB	202, 157, 195
RGB Percent	79%, 62%, 76%
CMY	0.2078, 0.3843, 0.2353
CMYK	0.00, 0.22, 0.03, 0.21
HSL	309°, 30%, 70%
HSV	309°, 22%, 79%
XYZ	46.2644, 40.6106, 57.0300
YIQ	174.7870, 14.6220, 21.3580

# Conversions

## Conversions Part 2

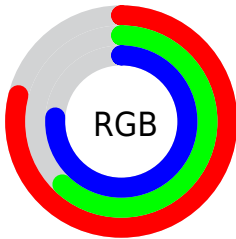
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 157, 195
Decimal	13278659
CIE <sub>Lab</sub>	69.90, 23.05, -13.11
CIE <sub>LCh</sub>	70, 26.514, 330.366
Yxy	40.6106, 0.3215, 0.2822
Android (android.graphics.Color)	4291468739 (0xFFCA9DC3)
YUV	174.7870, 9.9650, 23.8658
Hunter-Lab	63.7265, 18.0669, -8.4512

# Details

The Android color `4291468739` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288531108`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4294956284`, and `4287850893` is the 20% darker color. If you saturate the color by 10%, you get `4291463616`, and if you desaturate by 10%, it is `4291473862`.

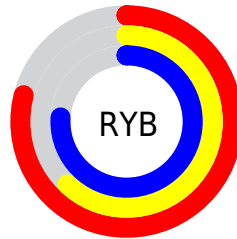
# Distribution



Red (79%)

Green (62%)

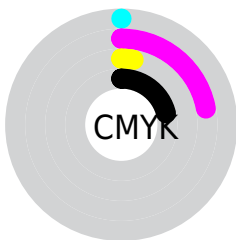
Blue (76%)



Red (79%)

Yellow (62%)

Blue (76%)

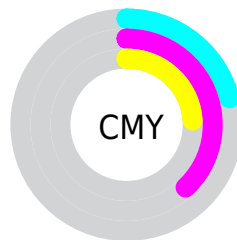


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (38%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291468739 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 4291468739 by changing the saturation by 10% instead.



 4291468739

 4291468739

4294967295

 4289627048

 4294956284

 4287850893

 4294963455

 4286140788

 4284496219

 4282917700

 4281339181

 4280221721

 4278190080

 4291468739


 4291468739

 4291463616

 4291473862

 4291458493

 4291478985

 4291453114

 4291484364


 4291447990

 4291489488


 4291442867

 4291493843


 4291437744

 4291493846

 4291432621

 4291493849

 4291428523

 4291493852

 4291493855

# Harmonies

## Analogous

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



4289701332



4291468739



4292450731

# Triad

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



4291468739



4290554235



4284659906

# Complementary

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



4291468739



4288531108

# 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.



4285446314



4291468739



4288852353

# Square

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



4291468739



4291862914



4287018642



4285510868

# Rectangle

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



4291468739



4292647579



4287018642



4284790971



# Sweetspot

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



4291468739



4294962684



4288978378



4286608766



4278190080



4286611584



# Same Dimension

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



4291468739



4294949620



4291468717



4284898404



4289069196



4280680480



# Inverse Universe

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



4291468739



4294949620



4288531130



4284898404



4289069196

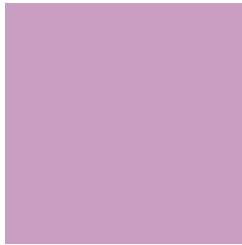


4280680480



# Previews

## White Background



This preview shows how the Android color 4291468739 looks on a white background.

## Color Contrast Check

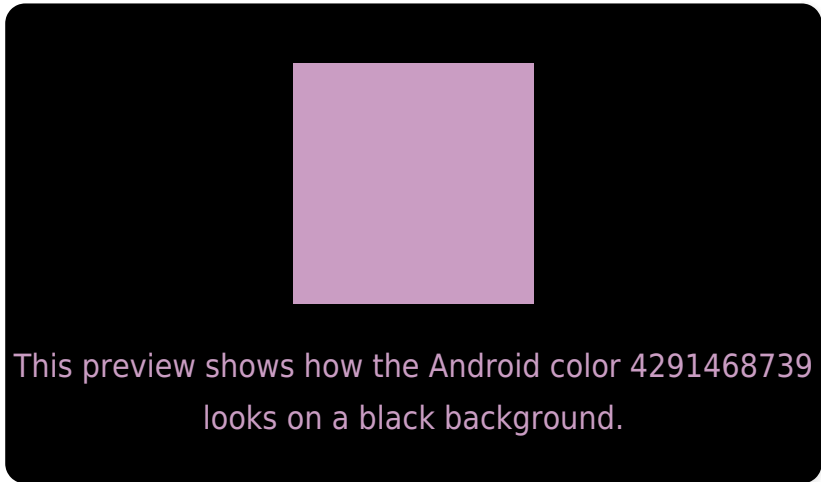
Large Text (above 18pt) WCAG AA × Fail

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

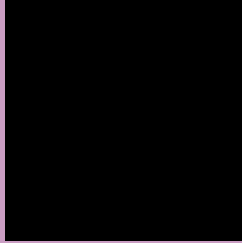
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291468739 Background



This preview shows how black text looks on a background with the Android color 4291468739.



This preview shows how white text looks on a background with the Android color 4291468739.

# 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**  
4291468739

**Protanopia**  
4288981707

**Deuteranopia**  
4289832897



**Tritanopia**  
4291273133

# Trichromacy



**Original Color**  
4291468739

**Protanomaly**  
4289897928

**Deuteranomaly**  
4290421698

**Tritanomaly**  
4291338421

# Monochromacy



**Original Color**  
4291468739

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290357430

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291468739 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(202, 157, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 195)  
}
```

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(202, 157, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 195) }
```

## Border

The CSS property to change the border of an element to Android 4291468739 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(202, 157, 195) }
```

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

```
.border{ border-color:rgb(202, 157, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 157, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4291468739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 195) }
```

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

```
.background{ background-color: rgb(202,  
157, 195) }
```

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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