

# Converting Colors

Android(4291210438)

Have a look what the booklet for  
Android(4291210438) contains.

<b>Android(4291210438)</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(4291210438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6ACC6
RGB	198, 172, 198
RGB Percent	78%, 67%, 78%
CMY	0.2235, 0.3255, 0.2235
CMYK	0.00, 0.13, 0.00, 0.22
HSL	300°, 19%, 73%
HSV	300°, 13%, 78%
XYZ	48.2343, 45.5880, 59.6832
YIQ	182.7380, 7.1500, 13.5980

# Conversions

## Conversions Part 2

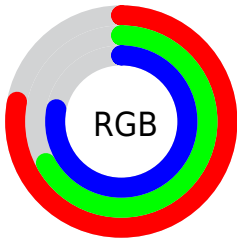
Format	Color
R <sub>Y</sub> B	198, 172, 198
Decimal	13020358
CIE Lab	73.28, 14.00, -9.75
CIE LCh	73, 17.064, 325.142
Yxy	45.5880, 0.3142, 0.2970
Android (android.graphics.Color)	4291210438 (0xFFC6ACC6)
YUV	182.7380, 7.5242, 13.3848
Hunter-Lab	67.5189, 9.3590, -5.1461

# Details

The Android color `4291210438` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4289513132`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4294960127`, and `4287658128` is the 20% darker color. If you saturate the color by 10%, you get `4291205318`, and if you desaturate by 10%, it is `4291215558`.

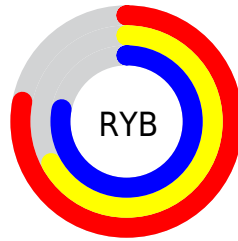
# Distribution



Red (78%)

Green (67%)

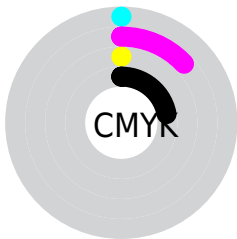
Blue (78%)



Red (78%)

Yellow (67%)

Blue (78%)

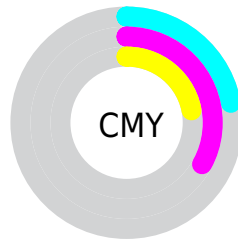


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291210438 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 4291210438 by changing the saturation by 10% instead.



■ 4291210438

■ 4291210438

4294967295

■ 4289434027

■ 4294960127

■ 4287658128

■ 4285947767

■ 4284303198

■ 4282789958

■ 4281277232


■ 4280025627

■ 4278190080

■ 4291210438

■ 4291210438

 4291205318


 4291215558

 4291200198

 4291220678

 4291195334


 4291225542

 4291190214

 4291230662


 4291185094

 4291231686

 4291179974

 4291174854

 4291169990

 4291166406

# Harmonies

## Analogous

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



4290032080



4291210438



4291996087

# Triad

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



4291210438



4291015317



4287348161

# Complementary

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



4291210438



4289513132

# 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.



4287741361



4291210438



4289902488

# Square

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



4291210438



4291800475



4288723874



4287675085

# Rectangle

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



4291210438



4292192684



4288723874



4287413691



# Sweetspot

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



4291210438



4294964735



4289506502



4286609792



4278190080



4286611584



# Same Dimension

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



4291210438



4294956799



4291210425



4284701283



4288872611



4280549412



# Inverse Universe

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



4291210438



4294956799



4289513145



4284701283



4288872611

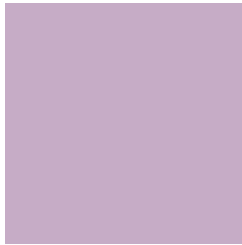


4280549412



# Previews

## White Background



This preview shows how the Android color 4291210438 looks on a white background.

## Color Contrast Check

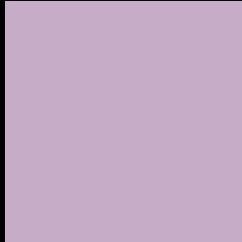
Large Text (above 18pt) WCAG AA × Fail

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 4291210438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

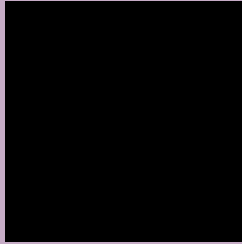
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291210438 Background



This preview shows how black text looks on a background with the Android color 4291210438.



This preview shows how white text looks on a background with the Android color 4291210438.

# 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**  
4291210438

**Protanopia**  
4289835978

**Deuteranopia**  
4290686917



**Tritanopia**  
4291079867

# Trichromacy



**Original Color**  
4291210438

**Protanomaly**  
4290359497

**Deuteranomaly**  
4290883269

**Tritanomaly**  
4291145151

# Monochromacy



**Original Color**  
4291210438

**Achromatopsia**  
4290230199

**Achromatomaly**  
4290556860

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291210438 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 198)  
}
```

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, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 198) }
```

## Border

The CSS property to change the border of an element to Android 4291210438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

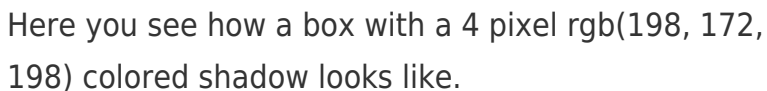
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 172, 198) }
```

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

```
.border{ border-color:rgb(198, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 172, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 172, 198); box-shadow:4px 4px 4px 4px rgb(198, 172, 198) }
```

# Background

The CSS property to change the background color of an element to Android 4291210438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 198) }
```

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

```
.background{ background-color: rgb(198,  
172, 198) }
```

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