

# Converting Colors

Android(4288985037)

Have a look what the booklet for  
Android(4288985037) contains.

<b>Android(4288985037)</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(4288985037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4B7CD
RGB	164, 183, 205
RGB Percent	64%, 72%, 80%
CMY	0.3569, 0.2824, 0.1961
CMYK	0.20, 0.11, 0.00, 0.20
HSL	212°, 29%, 72%
HSV	212°, 20%, 80%
XYZ	43.2628, 46.1673, 64.3886
YIQ	179.8270, -18.3860, 2.8140

# Conversions

## Conversions Part 2

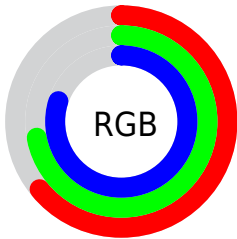
Format	Color
<a href="#">RYB</a>	<a href="#">164, 177, 205</a>
Decimal	<a href="#">10794957</a>
CIELab	<a href="#">73.65, -1.82, -13.30</a>
CIElCh	<a href="#">74, 13.421, 262.197</a>
Yxy	<a href="#">46.1673, 0.2813, 0.3001</a>
Android (android.graphics.Color)	<a href="#">4288985037</a> ( <a href="#">0xFFA4B7CD</a> )
YUV	<a href="#">179.8270, 12.4103, -13.8803</a>
Hunter-Lab	<a href="#">67.9465, -5.2522, -8.6228</a>

# Details

The Android color `4288985037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4291672740`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4292603903`, and `4285563543` is the 20% darker color. If you saturate the color by 10%, you get `4287671501`, and if you desaturate by 10%, it is `4290364109`.

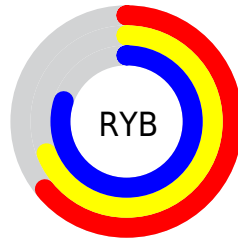
# Distribution



Red (64%)

Green (72%)

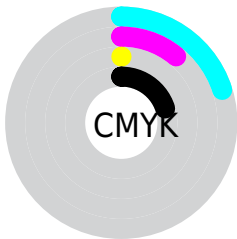
Blue (80%)



Red (64%)

Yellow (69%)

Blue (80%)

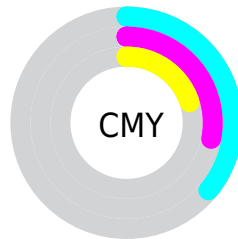


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (28%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288985037 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 4288985037 by changing the saturation by 10% instead.





4288985037



4288985037

4294967295



4287208626



4292603903



4285563543



4294508543



4283918717



4282339684



4280826444



4279313717



4278193952



4278190086



4278190080

■ 4288985037

■ 4288985037

■ 4287671501

■ 4290364109

■ 4286292429

■ 4291677645

■ 4284978893

■ 4293056717

■ 4283599821

■ 4294370253

■ 4282286285

■ 4294962893

■ 4280907213

■ 4294965709

■ 4279528141

■ 4294967245

■ 4278214605

# Harmonies

## Analogous

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



4288264904



4288985037



4289967052

# Triad

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



4288985037



4291800492



4289182374

# Complementary

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



4288985037



4291672740

# 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.



4290099102



4288985037



4291604386

# Square

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



4288985037



4291603897



4290950045



4288396465

# Rectangle

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



4288985037



4290687175



4290950045



4289444259



# Sweetspot

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



4288985037



4293982207



4288990650



4286020480



4278190080



4286611584



# Same Dimension

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



4288985037



4290961151



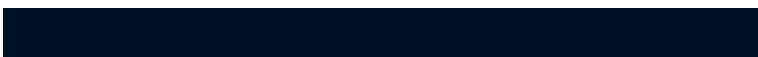
4289045709



4284244326



4278209958



4278194726



# Inverse Universe

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



4291667127



4294951646



4291612068



4284898401



4289069133

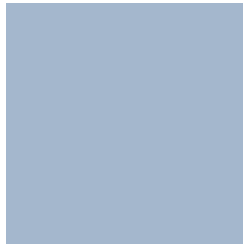


4280680466



# Previews

## White Background



This preview shows how the Android color 4288985037 looks on a white background.

## Color Contrast Check

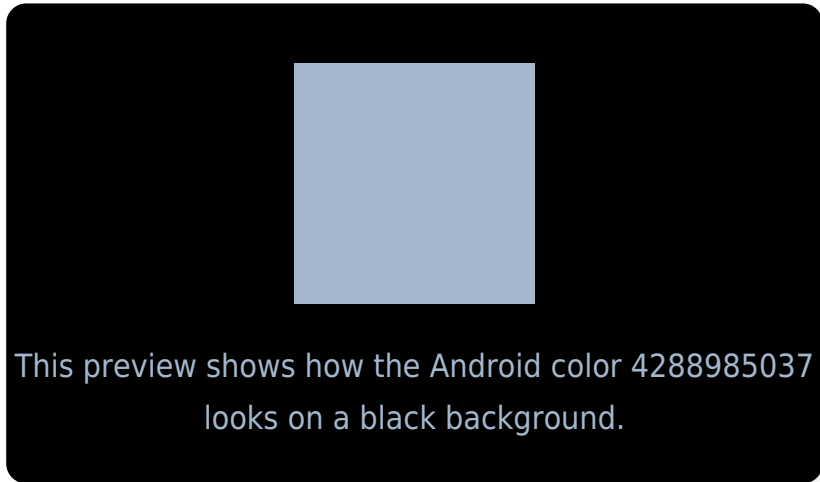
Large Text (above 18pt) WCAG AA × Fail

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

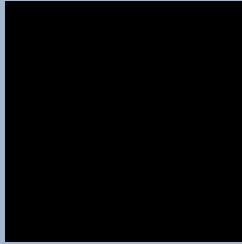
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4288985037 Background



This preview shows how black text looks on a background with the Android color 4288985037.



This preview shows how white text looks on a background with the Android color 4288985037.

# 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](#).

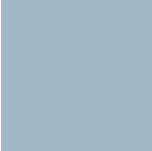
## Dichromacy



**Original Color**  
4288985037

**Protanopia**  
4289835979

**Deuteranopia**  
4290425038



**Tritanopia**  
4288919751

# Trichromacy



**Original Color**  
4288985037

**Protanomaly**  
4289508556

**Deuteranomaly**  
4289901518

**Tritanomaly**  
4288919753

# Monochromacy



**Original Color**  
4288985037

**Achromatopsia**  
4290032820

**Achromatomaly**  
4289639869

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288985037 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(164, 183, 205)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 205)  
}
```

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(164, 183, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 205) }
```

## Border

The CSS property to change the border of an element to Android 4288985037 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(164, 183, 205) }
```

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

```
.border{ border-color:rgb(164, 183, 205) }
```

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

Here you see how a box with a 4 pixel rgb(164, 183, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 205);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4288985037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 205) }
```

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

```
.background{ background-color: rgb(164,  
183, 205) }
```

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