

# Converting Colors

Android(4288000233)

Have a look what the booklet for  
Android(4288000233) contains.

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# **Color**

**Android(4288000233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95B0E9
RGB	149, 176, 233
RGB Percent	58%, 69%, 91%
CMY	0.4157, 0.3098, 0.0863
CMYK	0.36, 0.24, 0.00, 0.09
HSL	221°, 66%, 75%
HSV	221°, 36%, 91%
XYZ	42.6277, 43.3234, 83.2063
YIQ	174.4250, -34.3890, 12.0030

# Conversions

## Conversions Part 2

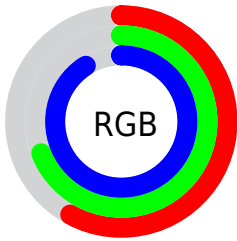
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 169, 233
Decimal	9810153
CIE <sub>Lab</sub>	71.77, 4.39, -31.52
CIE <sub>LCh</sub>	72, 31.820, 277.930
Yxy	43.3234, 0.2520, 0.2561
Android (android.graphics.Color)	4288000233 (0xFF95B0E9)
YUV	174.4250, 28.8775, -22.2977
Hunter-Lab	65.8205, 0.4171, -28.8765

# Details

The Android color `4288000233` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4293512853`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4291684351`, and `4284447921` is the 20% darker color. If you saturate the color by 10%, you get `4286488809`, and if you desaturate by 10%, it is `4289511657`.

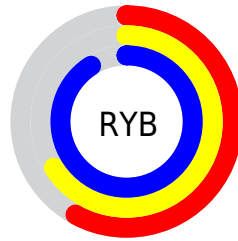
# Distribution



Red (58%)

Green (69%)

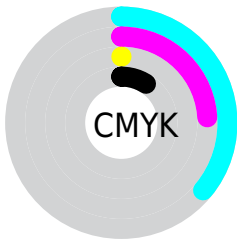
Blue (91%)



Red (58%)

Yellow (66%)

Blue (91%)

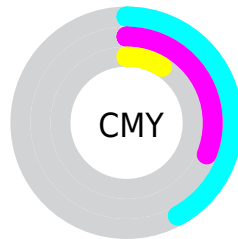


Cyan (36%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (42%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288000233 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 4288000233 by changing the saturation by 10% instead.



 4288000233

 4288000233

4294967295

 4286223821

 4291684351

 4284447921

 4293591039

 4282672022

 4280830844

 4278400355

 4278198347

 4278191924

 4278190622

 4278190080

■ 4288000233

■ 4288000233

■ 4286488809

■ 4289511657

■ 4284911849

■ 4291088617

■ 4283400681

■ 4292599785

■ 4281889257

■ 4294111209

■ 4280377833

■ 4294967273

■ 4278800873

■ 4278209513

# Harmonies

## Analogous

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



4285184485



4288000233



4290684638

# Triad

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



4288000233



4293369486



4286299801

# Complementary

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



4288000233



4293512853

# 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.



4288526721



4288000233



4292323195

# Square

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



4288000233



4293499561



4290556278



4284203191

# Rectangle

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



4288000233



4292059087



4290556278



4287020432



# Sweetspot

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



4288000233



4293127423



4288014797



4285494400



4278190080



4286611584



# Same Dimension

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



4288000233



4287739391



4288910825



4285164917



4278205109



4278194486



# Inverse Universe

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



4293498288



4294939061



4292602261



4285885037



4290052154



4281729041



# Previews

## White Background



This preview shows how the Android color 4288000233 looks on a white background.

## Color Contrast Check

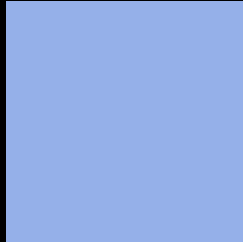
Large Text (above 18pt) WCAG AA × Fail

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 4288000233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

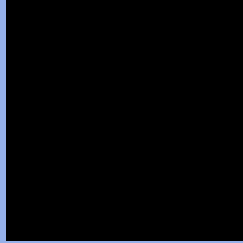
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

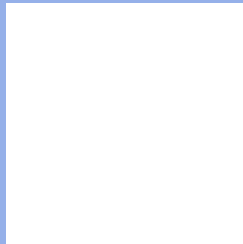
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288000233 Background



This preview shows how black text looks on a background with the Android color 4288000233.



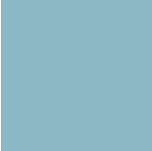
This preview shows how white text looks on a background with the Android color 4288000233.

# 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**  
4287412165

# Trichromacy



**Original Color**  
4288000233

**Protanomaly**  
4288458472

**Deuteranomaly**  
4288458474

**Tritanomaly**  
4287608018

# Monochromacy



**Original Color**  
4288000233

**Achromatopsia**  
4289638062

**Achromatomaly**  
4289048515

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288000233 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(149, 176, 233)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 233)  
}
```

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(149, 176, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 233) }
```

## Border

The CSS property to change the border of an element to Android 4288000233 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(149, 176, 233) }
```

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

```
.border{ border-color:rgb(149, 176, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 233);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4288000233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 233) }
```

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

```
.background{ background-color: rgb(149,  
176, 233) }
```

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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