

# Converting Colors

Android(4288435199)

Have a look what the booklet for  
Android(4288435199) contains.

<b>Android(4288435199)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4288435199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C53FF
RGB	156, 83, 255
RGB Percent	61%, 33%, 100%
CMY	0.3882, 0.6745, 0.0000
CMYK	0.39, 0.67, 0.00, 0.00
HSL	265°, 100%, 66%
HSV	265°, 67%, 100%
XYZ	34.8536, 20.4744, 96.7227
YIQ	124.4350, -11.7040, 68.9680

# Conversions

## Conversions Part 2

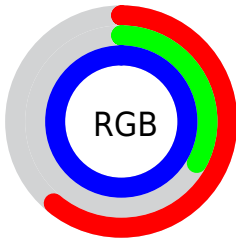
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 83, 255
Decimal	10245119
CIE <sub>Lab</sub>	52.37, 63.19, -74.38
CIE <sub>LCh</sub>	52, 97.596, 310.348
Y <sub>xy</sub>	20.4744, 0.2292, 0.1347
Android (android.graphics.Color)	4288435199 (0xFF9C53FF)
YUV	124.4350, 64.3685, 27.6825
Hunter-Lab	45.2487, 58.3074, -95.0631

# Details

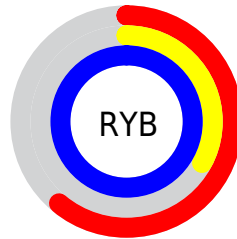
The Android color `4288435199` is a light color, and the websafe version is hex `9966FF`. The color can be described as light muted purple. A complement of this color would be `4290182995`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4292381183`, and `4284488389` is the 20% darker color. If you saturate the color by 10%, you get `4287445503`, and if you desaturate by 10%, it is `4289424639`.

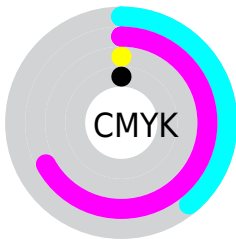
# Distribution



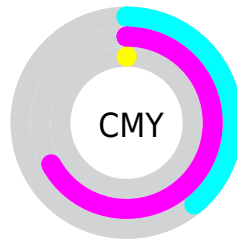
- Red (61%)
- Green (33%)
- Blue (100%)



- Red (61%)
- Yellow (33%)
- Blue (100%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288435199 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 4288435199 by changing the saturation by 10% instead.



 4288435199

 4288435199

4294967295

 4286462178

 4292381183

 4284488389

 4294419967

 4282319017

 4294951423

 4279566478

 4294958591

 4278190195

 4294966271

 4278190170

 4278191937

 4278190890

 4278190356

■ 4288435199

■ 4288435199

■ 4287445503

■ 4289424639

■ 4286521599

■ 4290348799

■ 4285532159

■ 4291338495

■ 4285268223

■ 4292327935

■ 4293252095

■ 4294241535

4294967295

# Harmonies

## Analogous

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



4278223103



4288435199



4293984439

# Triad

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



4288435199



4291060480



4278230681

# Complementary

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



4288435199



4290182995

# 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.



4278229823



4288435199



4286481152

# Square

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



4288435199



4294254602



4278227712



4278230505

# Rectangle

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



4288435199



4294901888



4278227712



4278230396



# Sweetspot

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



4288435199



4293053695



4283676671



4285424000



4278190080



4286611584



# Same Dimension

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



4288435199



4287115519



4294005759



4286083968



4283498687



4279959616



# Inverse Universe

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



4294923190



4294914215



4284612435



4286608250



4290707566

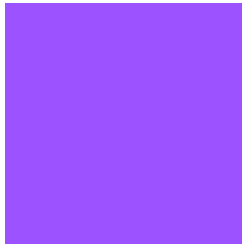


4282384421



# Previews

## White Background



This preview shows how the Android color 4288435199 looks on a white background.

## Color Contrast Check

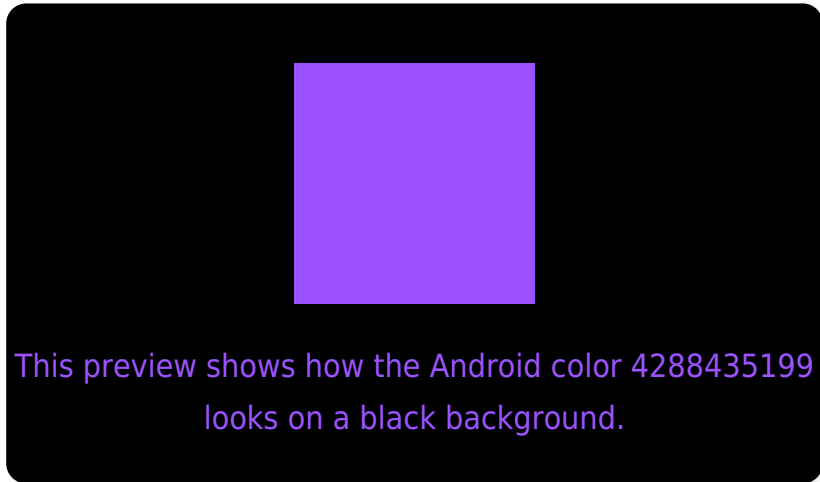
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4288435199 Background



This preview shows how black text looks on a background with the Android color 4288435199.



This preview shows how white text looks on a background with the Android color 4288435199.

# 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**


4288435199

**Protanopia**

4278221055

**Deuteranopia**

4278223070



**Tritanopia**  
4286675588

# Trichromacy



**Original Color**

4288435199



**Protanomaly**

4281953279



**Deuteranomaly**

4281954538



**Tritanomaly**

4287327409

# Monochromacy



**Original Color**

4288435199



**Achromatopsia**

4286348412



**Achromatomaly**

4287131052

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288435199 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(156, 83, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 83, 255)  
}
```

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(156, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 83, 255) }
```

## Border

The CSS property to change the border of an element to Android 4288435199 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(156, 83, 255) }
```

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

```
.border{ border-color:rgb(156, 83, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 83, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 83, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 83, 255); box-shadow:4px 4px 4px 4px rgb(156, 83, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4288435199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 83, 255) }
```

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

```
.background{ background-color: rgb(156, 83,  
255) }
```

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