

# Converting Colors

Android(4288244985)

Have a look what the booklet for  
Android(4288244985) contains.

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# **Color**

**Android(4288244985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	996CF9
RGB	153, 108, 249
RGB Percent	60%, 42%, 98%
CMY	0.4000, 0.5765, 0.0235
CMYK	0.39, 0.57, 0.00, 0.02
HSL	259°, 92%, 70%
HSV	259°, 57%, 98%
XYZ	35.5983, 24.3370, 92.4438
YIQ	137.5290, -18.4410, 53.3910

# Conversions

## Conversions Part 2

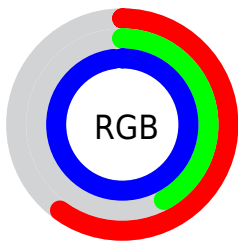
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 108, 249
Decimal	10054905
CIE <sub>Lab</sub>	56.42, 48.24, -64.51
CIE <sub>LCh</sub>	56, 80.555, 306.789
Yxy	24.3370, 0.2336, 0.1597
Android (android.graphics.Color)	4288244985 (0xFF996CF9)
YUV	137.5290, 54.9552, 13.5681
Hunter-Lab	49.3325, 42.4735, -76.5703

# Details

The Android color `4288244985` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4291623276`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4292125183`, and `4284431040` is the 20% darker color. If you saturate the color by 10%, you get `4287124473`, and if you desaturate by 10%, it is `4289365497`.

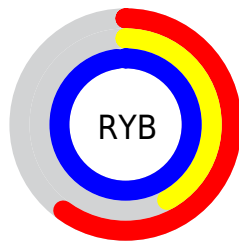
# Distribution



Red (60%)

Green (42%)

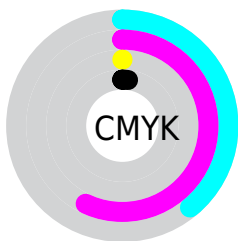
Blue (98%)



Red (60%)

Yellow (42%)

Blue (98%)

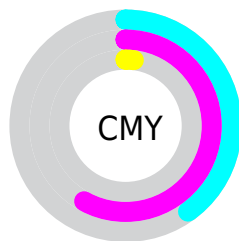


Cyan (39%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (58%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288244985 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 4288244985 by changing the saturation by 10% instead.



 4288244985

 4288244985

4294967295

 4286338012

 4292125183

 4284431040

 4294098175

 4282392996

 4294957567

 4280026761

 4294964735

 4278190191

 4278190165

 4278191677

 4278190886

 4278190351

■ 4288244985

■ 4288244985

■ 4287124473

■ 4289365497

■ 4286003961

■ 4290486009

■ 4284883449

■ 4291606521

■ 4283762937

■ 4292727033

■ 4283367673

■ 4293847545

■ 4294967289

# Harmonies

## Analogous

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



4278225919



4288244985



4293214912

# Triad

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



4288244985



4291718912



4278232470

# Complementary

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



4288244985



4291623276

# 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.



4278231628



4288244985



4288055808

# Square

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



4288244985



4294264887



4282948096



4278232538

# Rectangle

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



4288244985



4294716050



4282948096



4278232445



# Sweetspot

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



4288244985



4292990207



4285320441



4285425280



4278190080



4286611584



# Same Dimension

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



4288244985



4287189759



4292832505



4285821053



4282122429



4279500861



# Inverse Universe

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



4294536396



4294922952



4287035756



4286410873



4290576512

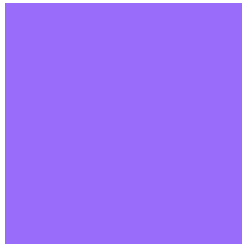


4282187818



# Previews

## White Background



This preview shows how the Android color 4288244985 looks on a white background.

## Color Contrast Check

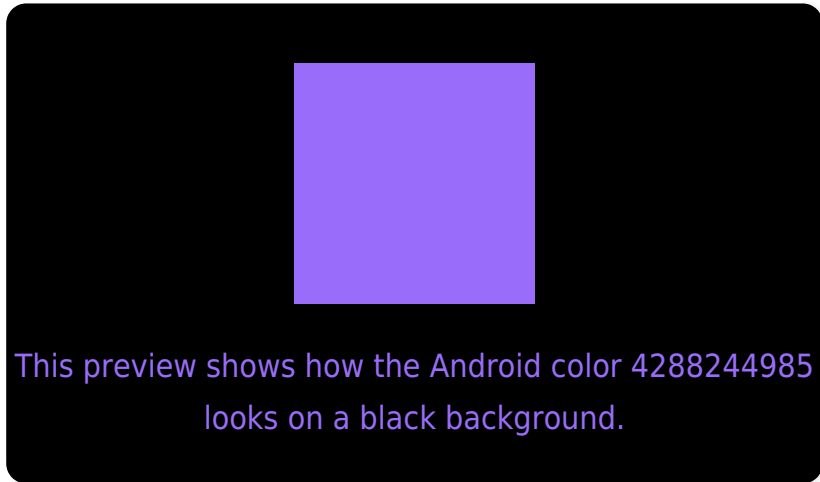
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288244985 Background



This preview shows how black text looks on a background with the Android color 4288244985.

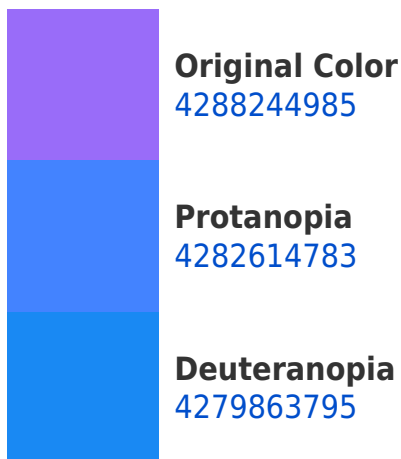


This preview shows how white text looks on a background with the Android color 4288244985.

# 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





# Trichromacy



**Original Color**

4288244985



**Protanomaly**

4284644349



**Deuteranomaly**

4282941173



**Tritanomaly**

4287266231

# Monochromacy



**Original Color**

4288244985



**Achromatopsia**

4287269514



**Achromatomaly**

4287594418

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288244985 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(153, 108, 249)` looks like.

```
.text, #text, p{  
    color:rgb(153, 108, 249)  
}
```

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(153, 108, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 108, 249) }
```

## Border

The CSS property to change the border of an element to Android 4288244985 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(153, 108, 249) }
```

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

```
.border{ border-color:rgb(153, 108, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 108, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 108, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 108, 249); box-shadow:4px 4px 4px 4px rgb(153, 108, 249) }
```

# Background

The CSS property to change the background color of an element to Android 4288244985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 108, 249) }
```

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

```
.background{ background-color: rgb(153,  
108, 249) }
```

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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