

# Converting Colors

Android(4287983317)

Have a look what the booklet for  
Android(4287983317) contains.

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# **Color**

**Android(4287983317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	956ED5
RGB	149, 110, 213
RGB Percent	58%, 43%, 84%
CMY	0.4157, 0.5686, 0.1647
CMYK	0.30, 0.48, 0.00, 0.16
HSL	263°, 55%, 63%
HSV	263°, 48%, 84%
XYZ	29.9806, 22.3455, 65.6838
YIQ	133.4030, -9.8190, 40.3010

# Conversions

## Conversions Part 2

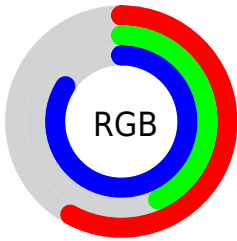
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 110, 213
Decimal	9793237
CIE <sub>Lab</sub>	54.39, 36.95, -47.63
CIE <sub>LCh</sub>	54, 60.276, 307.803
Yxy	22.3455, 0.2541, 0.1894
Android (android.graphics.Color)	4287983317 (0xFF956ED5)
YUV	133.4030, 39.2413, 13.6786
Hunter-Lab	47.2710, 30.4853, -49.2945

# Details

The Android color `4287983317` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289647982`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4291666687`, and `4284431774` is the 20% darker color. If you saturate the color by 10%, you get `4287125973`, and if you desaturate by 10%, it is `4288840661`.

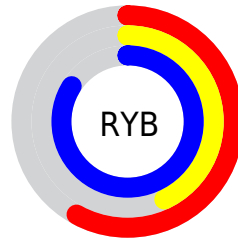
# Distribution



Red (58%)

Green (43%)

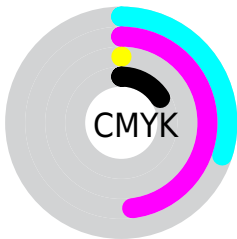
Blue (84%)



Red (58%)

Yellow (43%)

Blue (84%)

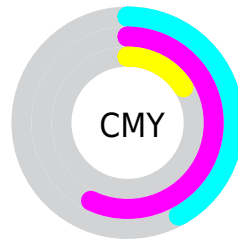


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (57%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287983317 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 4287983317 by changing the saturation by 10% instead.





4287983317



4287983317

4294967295



4286207417



4291666687



4284431774



4293639935



4282656387



4294957823



4280815209



4294964991



4278583377



4278190137



4278190626



4278190088



4278190080

 4287983317

 4287983317

 4287125973

 4288840661

 4286268373

 4289698261

 4285345493

 4290621141

 4284488149

 4291478485

 4283630805

 4292336085

 4283498709

 4293193429

 4294115285

 4294967253

# Harmonies

## Analogous

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



4278224106



4287983317



4291516331

# Triad

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



4287983317



4290408729



4278229647

# Complementary

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



4287983317



4289647982

# 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.



4278229080



4287983317



4287595520

# Square

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



4287983317



4292303685



4283928871



4278229441

# Rectangle

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



4287983317



4292628104



4283928871



4278229628



# Sweetspot

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



4287983317



4293384703



4285444053



4285622656



4278190080



4286611584



# Same Dimension

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



4287983317



4288900095



4291260117



4284768363



4282450091



4279238699



# Inverse Universe

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



4292177582



4294929351



4286371182



4285227111



4289396842

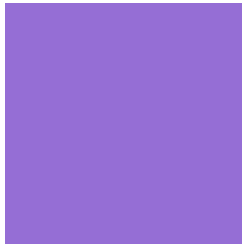


4281008155



# Previews

## White Background



This preview shows how the Android color 4287983317 looks on a white background.

## Color Contrast Check

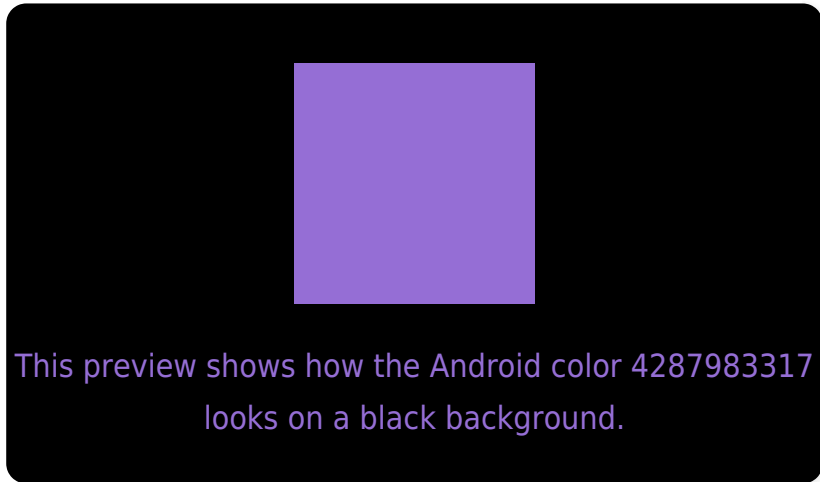
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287983317 Background



This preview shows how black text looks on a background with the Android color 4287983317.



This preview shows how white text looks on a background with the Android color 4287983317.

# 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**  
4287004810

# Trichromacy



**Original Color**  
4287983317

**Protanomaly**  
4285233631

**Deuteranomaly**  
4285299666

**Tritanomaly**  
4287330725

# Monochromacy



**Original Color**  
4287983317

**Achromatopsia**  
4286940549

**Achromatomaly**  
4287331746

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287983317 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, 110, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 213)  
}
```

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, 110, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 213) }
```

## Border

The CSS property to change the border of an element to Android 4287983317 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, 110, 213) }
```

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

```
.border{ border-color:rgb(149, 110, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 213);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4287983317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 213) }
```

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

```
.background{ background-color: rgb(149,  
110, 213) }
```

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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