

# Converting Colors

Android(4287189486)

Have a look what the booklet for  
Android(4287189486) contains.

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# Color

**Android(4287189486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8951EE
RGB	137, 81, 238
RGB Percent	54%, 32%, 93%
CMY	0.4627, 0.6824, 0.0667
CMYK	0.42, 0.66, 0.00, 0.07
HSL	261°, 82%, 63%
HSV	261°, 66%, 93%
XYZ	28.6916, 17.3763, 82.7307
YIQ	115.6420, -17.0210, 60.6990

# Conversions

## Conversions Part 2

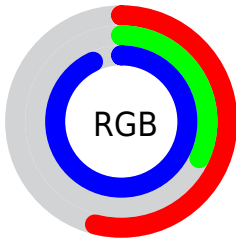
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 81, 238
Decimal	8999406
CIE <sub>Lab</sub>	48.73, 56.40, -70.90
CIE <sub>LCh</sub>	49, 90.593, 308.502
Yxy	17.3763, 0.2228, 0.1349
Android (android.graphics.Color)	4287189486 (0xFF8951EE)
YUV	115.6420, 60.3225, 18.7310
Hunter-Lab	41.6849, 49.9126, -88.4917

# Details

The Android color `4287189486` 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 `4290178641`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4291069695`, and `4283178165` is the 20% darker color. If you saturate the color by 10%, you get `4286200302`, and if you desaturate by 10%, it is `4288178670`.

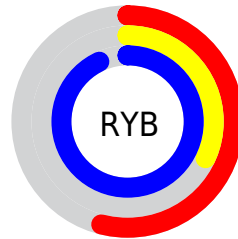
# Distribution



Red (54%)

Green (32%)

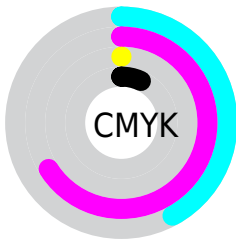
Blue (93%)



Red (54%)

Yellow (32%)

Blue (93%)

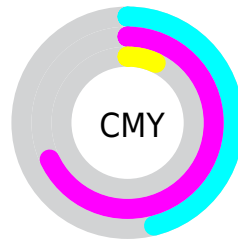


Cyan (42%)

Magenta (66%)

Yellow (0%)

Black (7%)



Cyan (46%)

Magenta (68%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287189486 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 4287189486 by changing the saturation by 10% instead.




 4287189486

 4287189486

4294967295

 4285216721

 4291069695

 4283178165

 4293042687

 4280942745

 4294950143

 4278190206

 4294957567

 4278190181

 4294964991

 4278190923

 4278191156

 4278190622

 4278190080

■ 4287189486

■ 4287189486

■ 4286200302

■ 4288178670

■ 4285145582

■ 4289233390

■ 4284156654

■ 4290222318

■ 4283760878

■ 4291211502

■ 4292266222

■ 4293255406

■ 4294244590

■ 4294967278

# Harmonies

## Analogous

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



4278221055



4287189486



4292542638

# Triad

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



4287189486



4290337280



4278227593

# Complementary

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



4287189486



4290178641

# 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.



4278226742



4287189486



4286216192

# Square

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



4287189486



4293139220



4278290432



4278227667

# Rectangle

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



4287189486



4293984379



4278290432



4278227310



# Sweetspot

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



4287189486



4292791551



4283545582



4285292928



4278190080



4286611584



# Same Dimension

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



4287189486



4286396159



4292235758



4285557880



4282450104



4279500856



# Inverse Universe

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



4293808566



4294915767



4285132369



4286082164



4290248822

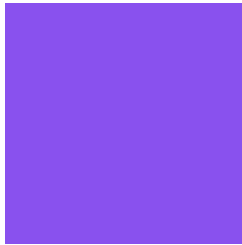


4281860132



# Previews

## White Background



This preview shows how the Android color 4287189486 looks on a white background.

## Color Contrast Check

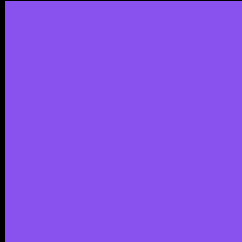
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4287189486 looks on a black 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

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



# Android 4287189486 Background



This preview shows how black text looks on a background with the Android color 4287189486.



This preview shows how white text looks on a background with the Android color 4287189486.

# 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**  
4287189486

**Protanopia**  
4278218732

**Deuteranopia**  
4278220493



# Trichromacy



**Original Color**

4287189486



**Protanomaly**

4281492717



**Deuteranomaly**

4281493977



**Tritanomaly**

4286080934

# Monochromacy



**Original Color**

4287189486



**Achromatopsia**

4285822068



**Achromatomaly**

4286343072

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287189486 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(137, 81, 238)` looks like.

```
.text, #text, p{  
    color:rgb(137, 81, 238)  
}
```

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(137, 81, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 81, 238) }
```

## Border

The CSS property to change the border of an element to Android 4287189486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

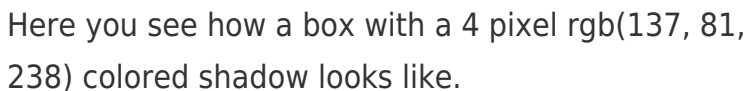
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 81, 238) }
```

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

```
.border{ border-color:rgb(137, 81, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 81, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 81, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 81, 238); box-shadow:4px 4px 4px 4px rgb(137, 81, 238) }
```

# Background

The CSS property to change the background color of an element to Android 4287189486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 81, 238) }
```

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

```
.background{ background-color: rgb(137, 81,  
238) }
```

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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