

# Converting Colors

Android(4288503774)

Have a look what the booklet for  
Android(4288503774) contains.

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**Color**

**Android(4288503774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D5FDE
RGB	157, 95, 222
RGB Percent	62%, 37%, 87%
CMY	0.3843, 0.6275, 0.1294
CMYK	0.29, 0.57, 0.00, 0.13
HSL	269°, 66%, 62%
HSV	269°, 57%, 87%
XYZ	31.1817, 20.6264, 71.4451
YIQ	128.0160, -3.8150, 52.6410

# Conversions

## Conversions Part 2

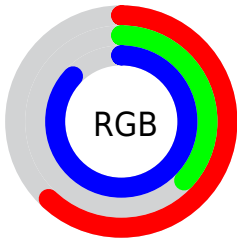
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 95, 222
Decimal	10313694
CIELab	52.54, 49.42, -55.62
CIELCh	53, 74.408, 311.621
Yxy	20.6264, 0.2530, 0.1674
Android (android.graphics.Color)	4288503774 (0xFF9D5FDE)
YUV	128.0160, 46.3341, 25.4190
Hunter-Lab	45.4163, 43.0747, -61.4785

# Details

The Android color `4288503774` is a light color, and the websafe version is hex `9966CC`. The color can be described as light muted purple. A complement of this color would be `4288732767`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4292318463`, and `4284820646` is the 20% darker color. If you saturate the color by 10%, you get `4287777246`, and if you desaturate by 10%, it is `4289230302`.

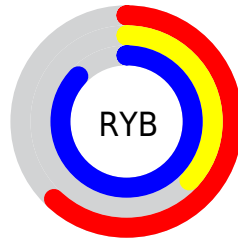
# Distribution



Red (62%)

Green (37%)

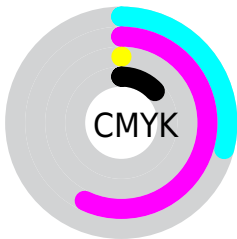
Blue (87%)



Red (62%)

Yellow (37%)

Blue (87%)

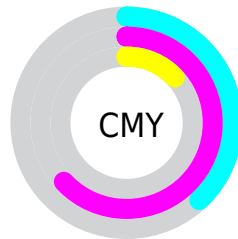


Cyan (29%)

Magenta (57%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (63%)
















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288503774 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 4288503774 by changing the saturation by 10% instead.



 4288503774	 4288503774
4294967295	 4286662082
 4292318463	 4284820646
 4294225919	 4282978443
 4294953983	 4281073777
 4294961407	 4278911064
	 4278190143
	 4278190888
	 4278190354
	 4278190080

4288503774

4288503774

4287777246

4289230302

4286985182

4290022366

4286258398

4290749150

4285531870

4291475678

4285268190

4292267742

4292994270

4293786334

4294508510

4294967262

# Harmonies

## Analogous

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



4278222332



4288503774



4292491943

# Triad

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



4288503774



4290210816



4278229397

# Complementary

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



4288503774



4288732767

# 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.



4278228818



4288503774



4286677504

# Square

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



4288503774



4292758314



4281569280



4278229201

# Rectangle

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



4288503774



4293536381



4281569280



4278229375



# Sweetspot

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



4288503774



4293514495



4284457438



4285687424



4278190080



4286611584



# Same Dimension

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



4288503774



4289023999



4292632542



4285162864



4283826352



4279762992



# Inverse Universe

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



4292763552



4294922153



4284603999



4285556075



4289724506

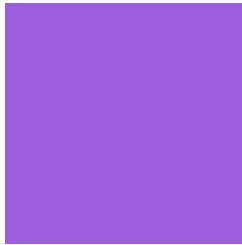


4281335833



# Previews

## White Background



This preview shows how the Android color 4288503774 looks on a white background.

## Color Contrast Check

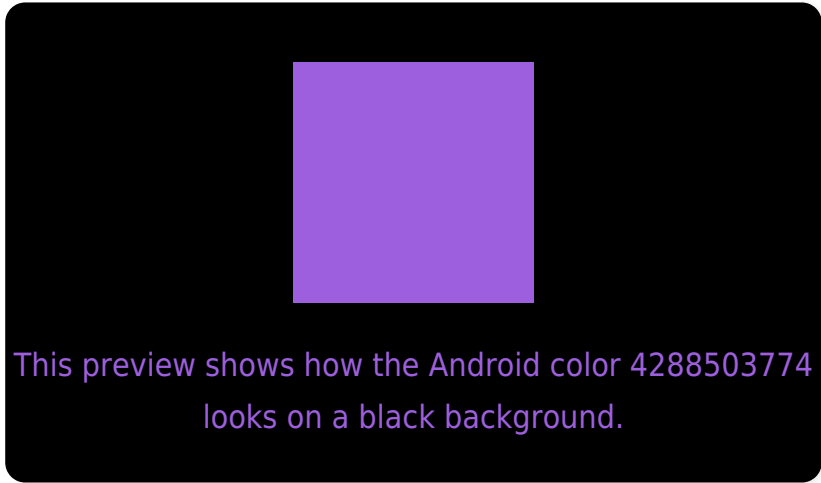
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288503774 Background



This preview shows how black text looks on a background with the Android color 4288503774.



This preview shows how white text looks on a background with the Android color 4288503774.

# 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**  
4288503774



**Protanomaly**  
4283724015



**Deuteranomaly**  
4284314586



**Tritanomaly**  
4287786915

# Monochromacy



**Original Color**  
4288503774



**Achromatopsia**  
4286611584



**Achromatomaly**  
4287329442

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288503774 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(157, 95, 222)` looks like.

```
.text, #text, p{  
    color:rgb(157, 95, 222)  
}
```

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(157, 95, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 95, 222) }
```

## Border

The CSS property to change the border of an element to Android 4288503774 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(157, 95, 222) }
```

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

```
.border{ border-color:rgb(157, 95, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 95, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 95, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 95, 222); box-shadow:4px 4px 4px 4px rgb(157, 95, 222) }
```

# Background

The CSS property to change the background color of an element to Android 4288503774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 95, 222) }
```

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

```
.background{ background-color: rgb(157, 95,  
222) }
```

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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