

# Converting Colors

Android(4288063474)

Have a look what the booklet for  
Android(4288063474) contains.

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# **Color**

**Android(4288063474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A7F2
RGB	150, 167, 242
RGB Percent	59%, 65%, 95%
CMY	0.4118, 0.3451, 0.0510
CMYK	0.38, 0.31, 0.00, 0.05
HSL	229°, 78%, 77%
HSV	229°, 38%, 95%
XYZ	42.4234, 40.5323, 89.5920
YIQ	170.4670, -34.2070, 19.7210

# Conversions

## Conversions Part 2

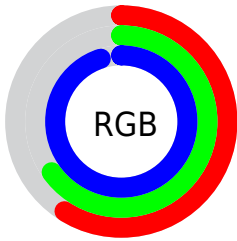
Format	Color
R <sub>Y</sub> B	150, 164, 242
Decimal	9873394
CIE Lab	69.85, 12.08, -39.40
CIE LCh	70, 41.212, 287.050
Yxy	40.5323, 0.2459, 0.2349
Android (android.graphics.Color)	4288063474 (0xFF96A7F2)
YUV	170.4670, 35.2658, -17.9496
Hunter-Lab	63.6650, 7.5305, -38.8699

# Details

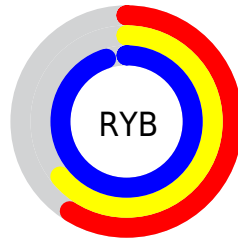
The Android color `4288063474` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4294107542`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4291813119`, and `4284445626` is the 20% darker color. If you saturate the color by 10%, you get `4286485490`, and if you desaturate by 10%, it is `4289641458`.

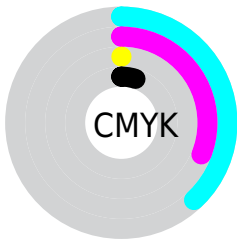
# Distribution



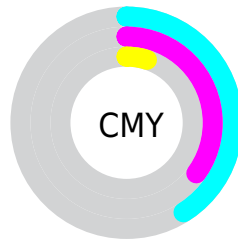
- Red (59%)
- Green (65%)
- Blue (95%)



- Red (59%)
- Yellow (64%)
- Blue (95%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)
















- Cyan (41%)
- Magenta (35%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288063474 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 4288063474 by changing the saturation by 10% instead.



 4288063474	 4288063474
4294967295	 4286221781
 4291813119	 4284445626
 4293720831	 4282669982
	 4280697988
	 4278201962
	 4278196818
	 4278190138
	 4278190628
	 4278190091

■ 4288063474

■ 4288063474

■ 4286485490

■ 4289641458

■ 4284907762

■ 4291219186

■ 4283264242

■ 4292862706

■ 4281686258

■ 4294440690

■ 4280108274

■ 4294967282

■ 4278530546

■ 4278201842

# Harmonies

## Analogous

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



4283544563



4288063474



4291402206

# Triad

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



4288063474



4293564021



4283481497

# Complementary

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



4288063474



4294107542

# 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.



4286822518



4288063474



4291928930

# Square

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



4288063474



4294151831



4289572706



4278238911

# Rectangle

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



4288063474



4292973001



4289572706



4284660876



# Sweetspot

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



4288063474



4293126399



4288082656



4285493888



4278190080



4286611584



# Same Dimension

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



4288063474



4287275007



4289894130



4285296248



4278198968



4278192696



# Inverse Universe

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



4294088359



4294937247



4292276886



4286082158



4290248738



4281860106



# Previews

## White Background



This preview shows how the Android color 4288063474 looks on a white background.

## Color Contrast Check

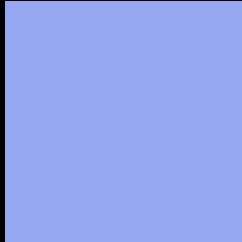
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4288063474 looks on a 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 ✓ Pass

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



# Android 4288063474 Background



This preview shows how black text looks on a background with the Android color 4288063474.



This preview shows how white text looks on a background with the Android color 4288063474.

# 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**  
4288063474

**Protanopia**  
4287867123

**Deuteranopia**  
4287670770



# Trichromacy



**Original Color**

4288063474

**Protanomaly**

4287932659

**Deuteranomaly**

4287801586

**Tritanomaly**

4287540690

# Monochromacy



**Original Color**

4288063474

**Achromatopsia**

4289374890

**Achromatomaly**

4288915908

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288063474 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(150, 167, 242)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 242)  
}
```

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(150, 167, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 242) }
```

## Border

The CSS property to change the border of an element to Android 4288063474 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(150, 167, 242) }
```

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

```
.border{ border-color:rgb(150, 167, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 242);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4288063474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 242) }
```

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

```
.background{ background-color: rgb(150,  
167, 242) }
```

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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