

Converting Colors

Android(4288327154)

Have a look what the booklet for
Android(4288327154) contains.

Android(4288327154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4288327154)

Conversions

Conversions Part 1

Format	Color
Hex	9AADF2
RGB	154, 173, 242
RGB Percent	60%, 68%, 95%
CMY	0.3961, 0.3216, 0.0510
CMYK	0.36, 0.29, 0.00, 0.05
HSL	227°, 77%, 78%
HSV	227°, 36%, 95%
XYZ	44.2970, 43.1680, 90.0019
YIQ	175.1850, -33.4730, 17.4310

Conversions

Conversions Part 2

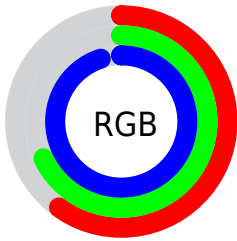
Format	Color
RYB	154, 170, 242
Decimal	10137074
CIELab	71.67, 9.78, -36.55
CIELCh	72, 37.830, 284.975
Yxy	43.1680, 0.2496, 0.2432
Android (android.graphics.Color)	4288327154 (0xFF9AADF2)
YUV	175.1850, 32.9398, -18.5792
Hunter-Lab	65.7023, 5.3670, -35.2264

Details

The Android color `4288327154` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4294107034`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4292076799`, and `4284709306` is the 20% darker color. If you saturate the color by 10%, you get `4286749426`, and if you desaturate by 10%, it is `4289904882`.

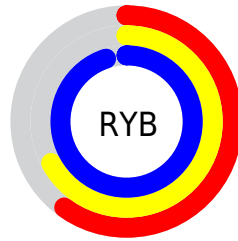
Distribution



Red (60%)

Green (68%)

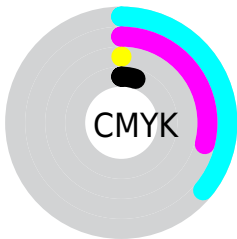
Blue (95%)



Red (60%)

Yellow (67%)

Blue (95%)

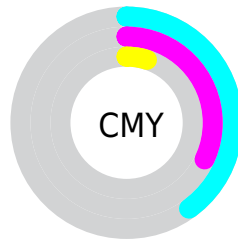


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288327154 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 4288327154 by changing the saturation by 10% instead.

 4288327154

 4288327154

4294967295

 4286485461

 4292076799

 4284709306

 4293984255

 4282933406

 4281092484

 4278661994

 4278197842

 4278191163

 4278190628

 4278190092

■ 4288327154

■ 4288327154

■ 4286749426

■ 4289904882

■ 4285171698

■ 4291482610

■ 4283528434

■ 4293125874

■ 4281950706

■ 4294703602

■ 4280372978

■ 4294967282

■ 4278795250

■ 4278203634

Harmonies

Analogous

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



4284528882



4288327154



4291404001

Triad

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



4288327154



4293696640



4284727709

Complementary

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



4288327154



4294107034

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.



4287609982



4288327154



4292257645

Square

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



4288327154



4294153631



4290098028



4281582272

Rectangle

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



4288327154



4292909517



4290098028



4285710481

Sweetspot

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



4288327154



4293126655



4288344799



4285494144



4278190080



4286611584

Same Dimension

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



4288327154



4287604735



4289960690



4285296248



4278200504



4278193208

Inverse Universe

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



4294089389



4294938535



4292473498



4286082158



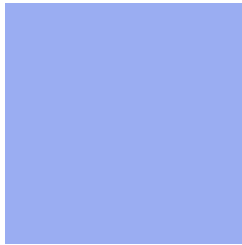
4290248744



4281860108

Previews

White Background



This preview shows how the Android color 4288327154 looks on a white background.

Color Contrast Check

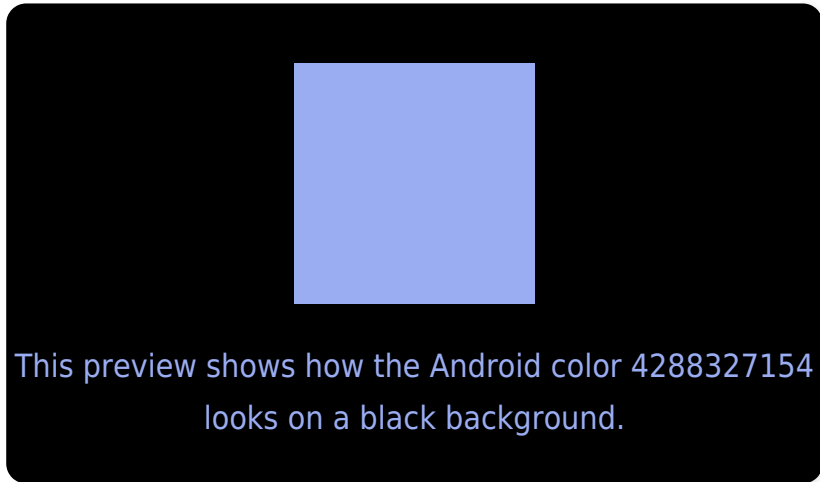
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

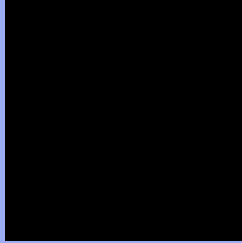
Any Text WCAG AA ✓ Pass

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 4288327154 Background



This preview shows how black text looks on a background with the Android color 4288327154.



This preview shows how white text looks on a background with the Android color 4288327154.

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
4288327154

Protanopia
4288392690

Deuteranopia
4288327154

Trichromacy



Original Color
4288327154

Protanomaly
4288392690

Deuteranomaly
4288327154

Tritanomaly
4287869909

Monochromacy



Original Color
4288327154

Achromatopsia
4289703855

Achromatomaly
4289179335

CSS Examples

Text

The CSS property to change the color of the text to Android 4288327154 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(154, 173, 242)` looks like.

```
.text, #text, p{  
    color:rgb(154, 173, 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(154, 173, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 173, 242) }
```

Border

The CSS property to change the border of an element to Android 4288327154 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(154, 173, 242) }
```

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

```
.border{ border-color:rgb(154, 173, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 173, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 173, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 173, 242); box-shadow:4px 4px 4px 4px rgb(154, 173, 242) }
```

Background

The CSS property to change the background color of an element to Android 4288327154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 173, 242) }
```

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

```
.background{ background-color: rgb(154,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor