

Converting Colors

Android(4287735551)

Have a look what the booklet for
Android(4287735551) contains.

Android(4287735551)	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(4287735551)

Conversions

Conversions Part 1

Format	Color
Hex	91A6FF
RGB	145, 166, 255
RGB Percent	57%, 65%, 100%
CMY	0.4314, 0.3490, 0.0000
CMYK	0.43, 0.35, 0.00, 0.00
HSL	229°, 100%, 78%
HSV	229°, 43%, 100%
XYZ	43.3633, 40.5122, 100.1419
YIQ	169.8670, -41.0850, 23.2270

Conversions

Conversions Part 2

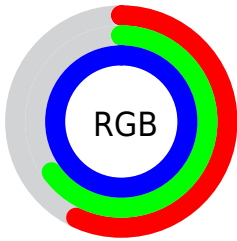
Format	Color
R _Y B	145, 163, 255
Decimal	9545471
CIE _{Lab}	69.83, 14.95, -46.51
CIE _{LCh}	70, 48.853, 287.814
Y _{xy}	40.5122, 0.2356, 0.2202
Android (android.graphics.Color)	4287735551 (0xFF91A6FF)
Y _{UV}	169.8670, 41.9706, -21.8084
Hunter-Lab	63.6492, 10.2234, -48.7290

Details

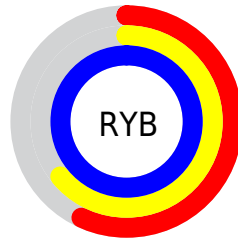
The Android color `4287735551` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4294961809`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4291550719`, and `4283986630` is the 20% darker color. If you saturate the color by 10%, you get `4286091775`, and if you desaturate by 10%, it is `4289444863`.

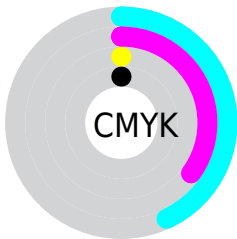
Distribution



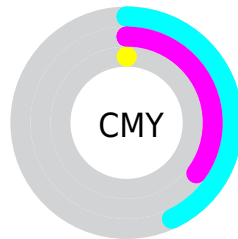
- Red (57%)
- Green (65%)
- Blue (100%)



- Red (57%)
- Yellow (64%)
- Blue (100%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287735551 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 4287735551 by changing the saturation by 10% instead.

 4287735551

 4287735551

4294967295

 4285893858

 4291550719

 4283986630

 4293458431

 4282014378

 4279583631

 4278201717

 4278196828

 4278190148

 4278190893

 4278190359

■ 4287735551

■ 4287735551

■ 4286091775

■ 4289444863

■ 4284382719

■ 4291088383

■ 4282673407

■ 4292797695

■ 4281029631

■ 4294441471

■ 4279320575

4294967295

■ 4278202879

Harmonies

Analogous

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



4280333823



4287735551



4291794407

Triad

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



4287735551



4294152811



4281057430

Complementary

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



4287735551



4294961809

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.



4286167917



4287735551



4292190803

Square

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



4287735551



4294936466



4289441875



4278239684

Rectangle

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



4287735551



4293626829



4289441875



4283285384

Sweetspot

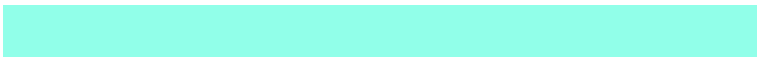
The Sweet Spot groups the original color and five complimentary colors.



4287735551



4292797695



4287758313



4285230976



4278190080



4286611584

Same Dimension

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



4287735551



4286223615



4289892863



4285756800



4278199743



4278193216

Inverse Universe

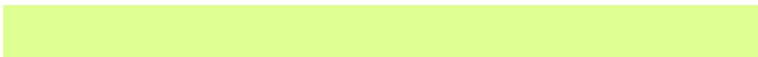
The Inverse Universe completely reimagines the original color for something new.



4294939046



4294933140



4292804497



4286608245



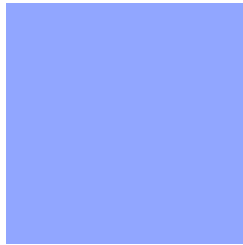
4290707493



4282384396

Previews

White Background



This preview shows how the Android color 4287735551 looks on a white background.

Color Contrast Check

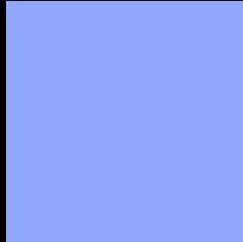
Large Text (above 18pt) WCAG AA × Fail

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 4287735551 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 4287735551 Background



This preview shows how black text looks on a background with the Android color 4287735551.



This preview shows how white text looks on a background with the Android color 4287735551.

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
4287735551

Protanopia
4287408127

Deuteranopia
4286884350

Trichromacy



Original Color
4287735551

Protanomaly
4287539199

Deuteranomaly
4287211774

Tritanomaly
4287016664

Monochromacy



Original Color
4287735551

Achromatopsia
4289374890

Achromatomaly
4288784841

CSS Examples

Text

The CSS property to change the color of the text to Android 4287735551 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(145, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 166, 255)  
}
```

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(145, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 166, 255) }
```

Border

The CSS property to change the border of an element to Android 4287735551 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(145, 166, 255) }
```

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

```
.border{ border-color:rgb(145, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 166,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4287735551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 166, 255) }
```

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

```
.background{ background-color: rgb(145,  
166, 255) }
```

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