

Converting Colors

Android(4288107519)

Have a look what the booklet for
Android(4288107519) contains.

Android(4288107519)	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(4288107519)

Conversions

Conversions Part 1

Format	Color
Hex	9753FF
RGB	151, 83, 255
RGB Percent	59%, 33%, 100%
CMY	0.4078, 0.6745, 0.0000
CMYK	0.41, 0.67, 0.00, 0.00
HSL	264°, 100%, 66%
HSV	264°, 67%, 100%
XYZ	33.9058, 19.9858, 96.6784
YIQ	122.9400, -14.6840, 67.9080

Conversions

Conversions Part 2

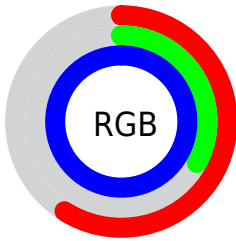
Format	Color
R_{YB}	151, 83, 255
Decimal	9917439
CIE _{Lab}	51.82, 62.28, -75.30
CIE _{LCh}	52, 97.712, 309.593
Yxy	19.9858, 0.2252, 0.1327
Android (android.graphics.Color)	4288107519 (0xFF9753FF)
YUV	122.9400, 65.1056, 24.6086
Hunter-Lab	44.7055, 57.1442, -96.9244

Details

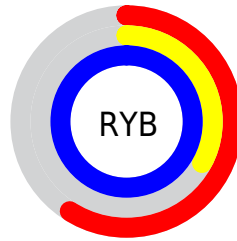
The Android color `4288107519` is a light color, and the websafe version is hex `9966FF`. The color can be described as light muted purple. A complement of this color would be `4290510675`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4292053503`, and `4284095429` is the 20% darker color. If you saturate the color by 10%, you get `4287117823`, and if you desaturate by 10%, it is `4289096959`.

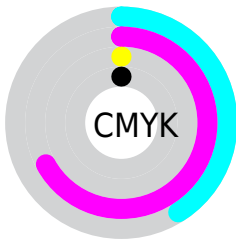
Distribution



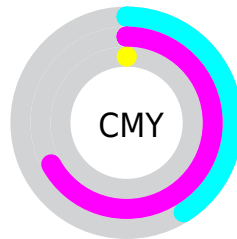
- Red (59%)
- Green (33%)
- Blue (100%)



- Red (59%)
- Yellow (33%)
- Blue (100%)



- Cyan (41%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288107519 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 4288107519 by changing the saturation by 10% instead.

 4288107519

 4288107519

4294967295

 4286134498

 4292053503

 4284095429

 4294092031

 4281925801

 4294951167

 4278321294

 4294958591

 4278190195

 4294966015

 4278190169

 4278191937

 4278190890

 4278190356

4288107519

4288107519

4287117823

4289096959

4286062847

4290152191

4285073407

4291141887

4284809471

4292196863

4293186559

4294241535

4294967295

Harmonies

Analogous

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



4278222847



4288107519



4293787832

Triad

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



4288107519



4291059968



4278230165

Complementary

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



4288107519



4290510675

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.



4278229308



4288107519



4286546176

Square

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



4288107519



4294187276



4278227456



4278230246

Rectangle

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



4288107519



4294901889



4278227456



4278229880

Sweetspot

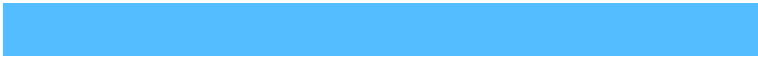
The Sweet Spot groups the original color and five complimentary colors.



4288107519



4292922623



4283678207



4285358464



4278190080



4286611584

Same Dimension

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



4288107519



4286722303



4293612543



4286083968



4283171007



4279828544

Inverse Universe

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



4294923195



4294914221



4285005651



4286608250



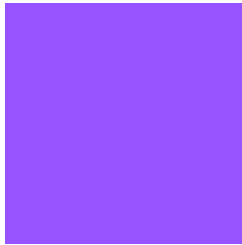
4290707572



4282384423

Previews

White Background



This preview shows how the Android color 4288107519 looks on a white background.

Color Contrast Check

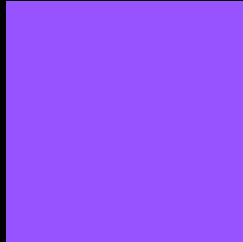
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4288107519 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 × Fail

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

Android 4288107519 Background



This preview shows how black text looks on a background with the Android color 4288107519.

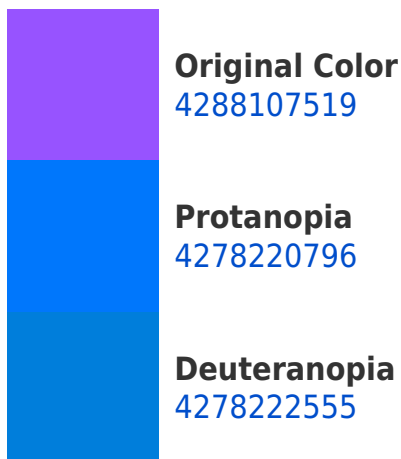


This preview shows how white text looks on a background with the Android color 4288107519.

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
4288107519



Protanomaly
4281821949



Deuteranomaly
4281822952



Tritanomaly
4286934193

Monochromacy



Original Color
4288107519



Achromatopsia
4286282619



Achromatomaly
4286934187

CSS Examples

Text

The CSS property to change the color of the text to Android 4288107519 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(151, 83, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 83, 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(151, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 83, 255) }
```

Border

The CSS property to change the border of an element to Android 4288107519 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(151, 83, 255) }
```

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

```
.border{ border-color:rgb(151, 83, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 83, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 83, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 83, 255); box-shadow:4px 4px 4px 4px rgb(151, 83, 255) }
```

Background

The CSS property to change the background color of an element to Android 4288107519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 83, 255) }
```

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

```
.background{ background-color: rgb(151, 83,  
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