

# Converting Colors

Android(4283912959)

Have a look what the booklet for  
Android(4283912959) contains.

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# Color

**Android(4283912959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5752FF
RGB	87, 82, 255
RGB Percent	34%, 32%, 100%
CMY	0.6588, 0.6784, 0.0000
CMYK	0.66, 0.68, 0.00, 0.00
HSL	242°, 100%, 66%
HSV	242°, 68%, 100%
XYZ	24.9978, 15.2808, 96.2397
YIQ	103.2170, -52.5530, 54.8630

# Conversions

## Conversions Part 2

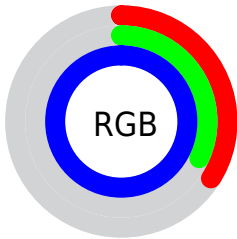
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 82, 255
Decimal	5722879
CIE <sub>Lab</sub>	46.02, 53.04, -85.01
CIE <sub>LCh</sub>	46, 100.201, 301.959
Yxy	15.2808, 0.1831, 0.1119
Android (android.graphics.Color)	4283912959 (0xFF5752FF)
YUV	103.2170, 74.8290, -14.2223
Hunter-Lab	39.0907, 45.7387, -118.6061

# Details

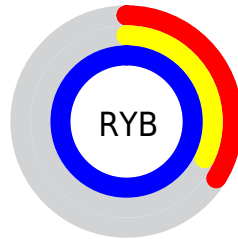
The Android color `4283912959` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted blue. A complement of this color would be `4294639442`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4288316927`, and `4278199237` is the 20% darker color. If you saturate the color by 10%, you get `4282268159`, and if you desaturate by 10%, it is `4285557759`.

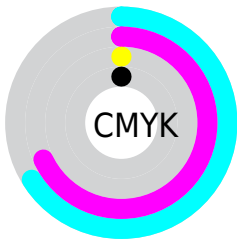
# Distribution



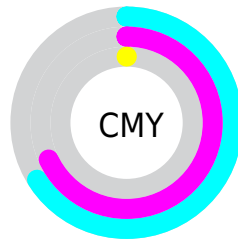
- Red (34%)
- Green (32%)
- Blue (100%)



- Red (34%)
- Yellow (32%)
- Blue (100%)



- Cyan (66%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (68%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283912959 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 4283912959 by changing the saturation by 10% instead.



 4283912959

 4283912959

4294967295

 4281088738

 4288316927

 4278199237

 4290420735

 4278193321

 4292459519

 4278190221

 4294563839

 4278190195

 4294964223

 4278193497

 4278191936

 4278190890

 4278190356

■ 4283912959

■ 4283912959

■ 4282268159

■ 4285557759

■ 4280623103

■ 4287202815

■ 4279043839

■ 4288782335

■ 4278649087

■ 4290427135

■ 4292072191

■ 4293716991

4294967295

# Harmonies

## Analogous

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



4278221311



4283912959



4291756222

# Triad

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



4283912959



4290855936



4278225777

# Complementary

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



4283912959



4294639442

# 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.



4278224903



4283912959



4286671872

# Square

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



4283912959



4293591065



4279599104



4278226373

# Rectangle

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



4283912959



4293787783



4279599104



4278225747



# Sweetspot

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



4283912959



4291677439



4283628799



4284637568



4278190080



4286611584



# Same Dimension

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



4283912959



4281741567



4289417983



4285756288



4278583487



4278321216



# Inverse Universe

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



4294923002



4294914297



4289134418



4286608255



4290707642

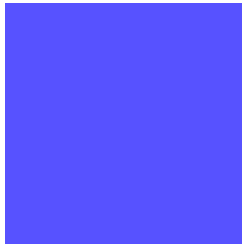


4282384446



# Previews

## White Background



This preview shows how the Android color 4283912959 looks on a white background.

## Color Contrast Check

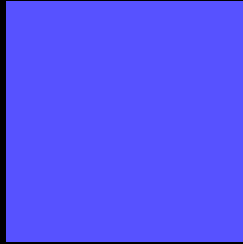
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4283912959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

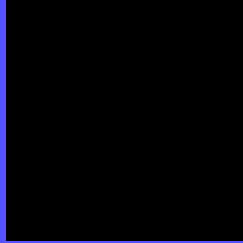
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283912959 Background



This preview shows how black text looks on a background with the Android color 4283912959.

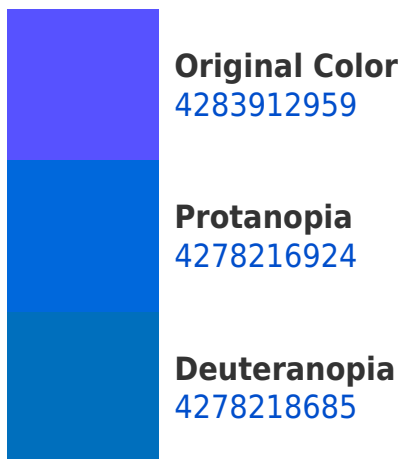


This preview shows how white text looks on a background with the Android color 4283912959.

# 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**  
4283912959



**Protanomaly**  
4280312041



**Deuteranomaly**  
4280313045



**Tritanomaly**  
4280314543

# Monochromacy



**Original Color**  
4283912959



**Achromatopsia**  
4284966759



**Achromatomaly**  
4284571550

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283912959 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(87, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 82, 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(87, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 82, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283912959 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(87, 82, 255) }
```

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

```
.border{ border-color:rgb(87, 82, 255) }
```

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

Here you see how a box with a 4 pixel rgb(87, 82, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 82,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283912959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 82, 255) }
```

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

```
.background{ background-color: rgb(87, 82,  
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](#).



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