

Converting Colors

Android(4283983847)

Have a look what the booklet for
Android(4283983847) contains.

Android(4283983847)	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(4283983847)

Conversions

Conversions Part 1

Format	Color
Hex	5867E7
RGB	88, 103, 231
RGB Percent	35%, 40%, 91%
CMY	0.6549, 0.5961, 0.0941
CMYK	0.62, 0.55, 0.00, 0.09
HSL	234°, 75%, 63%
HSV	234°, 62%, 91%
XYZ	23.2986, 17.5447, 77.7598
YIQ	113.1070, -50.0280, 36.6280

Conversions

Conversions Part 2

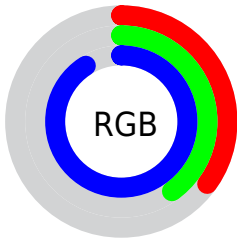
Format	Color
R _Y B	88, 102, 231
Decimal	5793767
CIE Lab	48.94, 33.01, -66.81
CIE LCh	49, 74.516, 296.295
Yxy	17.5447, 0.1964, 0.1479
Android (android.graphics.Color)	4283983847 (0xFF5867E7)
YUV	113.1070, 58.1212, -22.0188
Hunter-Lab	41.8864, 25.9861, -80.7481

Details

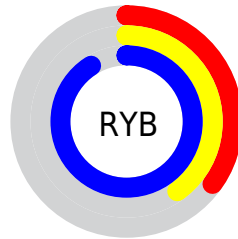
The Android color `4283983847` is a dark color, and the websafe version is hex `3366FF`. The color can be described as middle muted azure. A complement of this color would be `4293384280`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4288060159`, and `4278204590` is the 20% darker color. If you saturate the color by 10%, you get `4282471143`, and if you desaturate by 10%, it is `4285496551`.

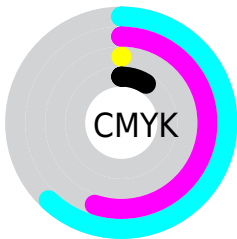
Distribution



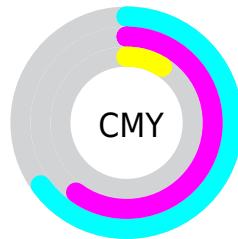
- Red (35%)
- Green (40%)
- Blue (91%)



- Red (35%)
- Yellow (40%)
- Blue (91%)



- Cyan (62%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (65%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283983847 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 4283983847 by changing the saturation by 10% instead.



4283983847



4283983847

4294967295



4281618378



4288060159



4278204590



4290033151



4278199443



4292006143



4278194553



4294044927



4278190175



4278192198



4278191151



4278190361



4278190080

■ 4283983847

■ 4283983847

■ 4282471143

■ 4285496551

■ 4280958695

■ 4287008999

■ 4279445991

■ 4288521703

■ 4278196455

■ 4290034407

■ 4291546855

■ 4293125095

■ 4294637799

■ 4294967271

Harmonies

Analogous

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



4278222836



4283983847



4290134715

Triad

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



4283983847



4290925312



4278226538

Complementary

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



4283983847



4293384280

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.



4278225446



4283983847



4287917824

Square

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



4283983847



4292684865



4283924736



4278226859

Rectangle

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



4283983847



4292093588



4283924736



4278226260

Sweetspot

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



4283983847



4291810559



4284016598



4284638592



4278190080



4286611584

Same Dimension

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



4283983847



4282537727



4287584487



4284967027



4278195123



4278191411

Inverse Universe

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



4293351527



4294918742



4289783640



4285753192



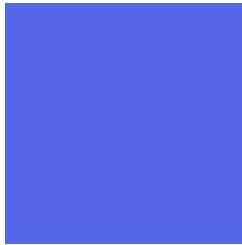
4289921043



4281532421

Previews

White Background



This preview shows how the Android color 4283983847 looks on a white background.

Color Contrast Check

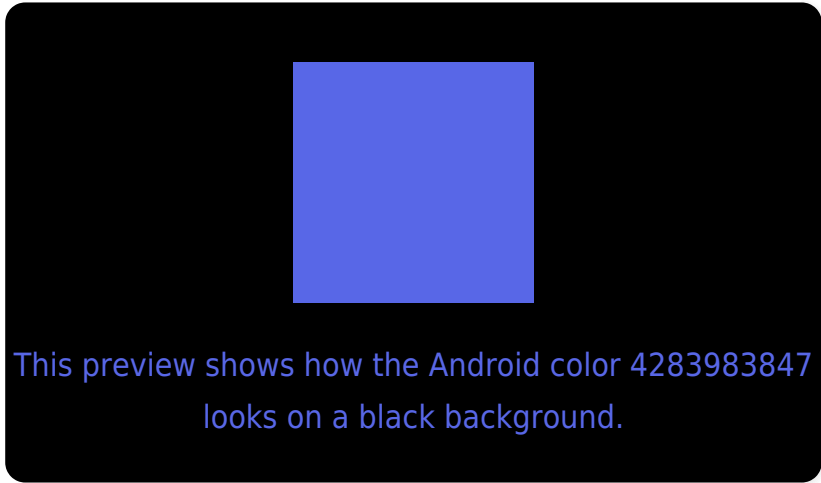
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4283983847 Background



This preview shows how black text looks on a background with the Android color 4283983847.

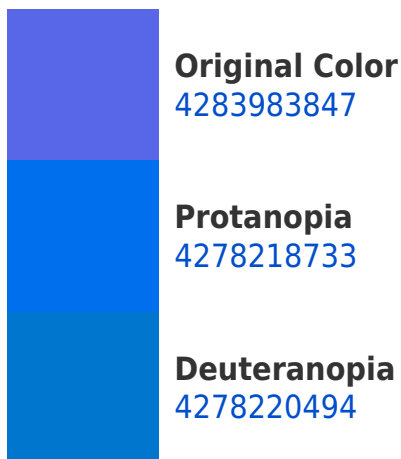


This preview shows how white text looks on a background with the Android color 4283983847.

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
4283983847

Protanomaly
4280315115

Deuteranomaly
4280316375

Tritanomaly
4281956012

Monochromacy



Original Color
4283983847

Achromatopsia
4285624689

Achromatomaly
4285033884

CSS Examples

Text

The CSS property to change the color of the text to Android 4283983847 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(88, 103, 231)` looks like.

```
.text, #text, p{  
    color:rgb(88, 103, 231)  
}
```

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(88, 103, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 103, 231) }
```

Border

The CSS property to change the border of an element to Android 4283983847 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(88, 103, 231) }
```

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

```
.border{ border-color:rgb(88, 103, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 103, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 103, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 103, 231);  
box-shadow:4px 4px 4px 4px rgb(88, 103,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4283983847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 103, 231) }
```

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

```
.background{ background-color: rgb(88, 103,  
231) }
```

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