

# Converting Colors

Android(4283931380)

Have a look what the booklet for  
Android(4283931380) contains.

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# **Color**

**Android(4283931380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	579AF4
RGB	87, 154, 244
RGB Percent	34%, 60%, 96%
CMY	0.6588, 0.3961, 0.0431
CMYK	0.64, 0.37, 0.00, 0.04
HSL	214°, 88%, 65%
HSV	214°, 64%, 96%
XYZ	31.8152, 31.6691, 90.0239
YIQ	144.2270, -68.8220, 13.7860

# Conversions

## Conversions Part 2

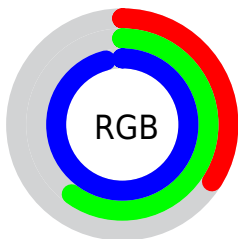
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 134, 244
Decimal	5741300
CIE Lab	63.07, 6.35, -51.39
CIE LCh	63, 51.780, 277.047
Yxy	31.6691, 0.2073, 0.2063
Android (android.graphics.Color)	4283931380 (0xFF579AF4)
YUV	144.2270, 49.1881, -50.1881
Hunter-Lab	56.2753, 2.4331, -55.4538

# Details

The Android color `4283931380` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4294226263`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4288073983`, and `4278216891` is the 20% darker color. If you saturate the color by 10%, you get `4282354932`, and if you desaturate by 10%, it is `4285507828`.

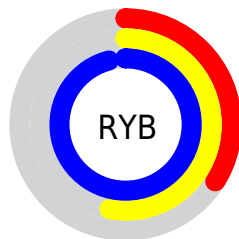
# Distribution



Red (34%)

Green (60%)

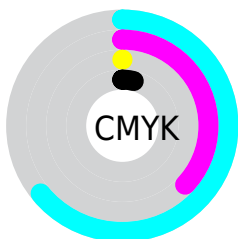
Blue (96%)



Red (34%)

Yellow (53%)

Blue (96%)

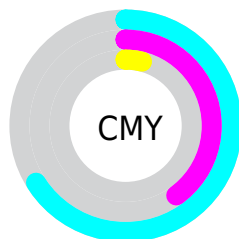


Cyan (64%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (66%)

Magenta (40%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283931380 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 4283931380 by changing the saturation by 10% instead.



 4283931380

 4283931380

4294967295

 4281499863

 4288073983

 4278216891

 4290047231

 4278210720

 4292018175

 4278205061

 4294049791

 4278199659

 4278194259

 4278191675

 4278190628

 4278190092

■ 4283931380

■ 4283931380

■ 4282354932

■ 4285507828

■ 4280712948

■ 4287149812

■ 4279136500

■ 4288726260

■ 4278216948

■ 4290368244

■ 4291944692

■ 4293521140

■ 4294966516

■ 4294967284

# Harmonies

## Analogous

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



4278233069



4283931380



4289366242

# Triad

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



4283931380



4293425252



4281249139

# Complementary

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



4283931380



4294226263

# 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.



4286096971



4283931380



4291791171

# Square

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



4283931380



4293750928



4289239608



4278235298

# Rectangle

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



4283931380



4291656907



4289239608

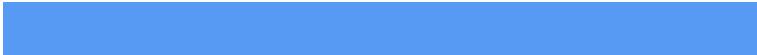


4283345764

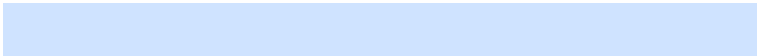


# Sweetspot

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



4283931380



4291814399



4283954352



4284641152



4278190080

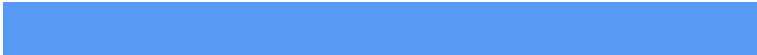


4286611584



# Same Dimension

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



4283931380



4282093311



4284569588



4285428602



4278210490



4278196539



# Inverse Universe

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



4294203290



4294917006



4293588055



4286213747



4290379855

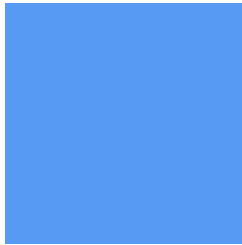


4282056729



# Previews

## White Background



This preview shows how the Android color 4283931380 looks on a white background.

## Color Contrast Check

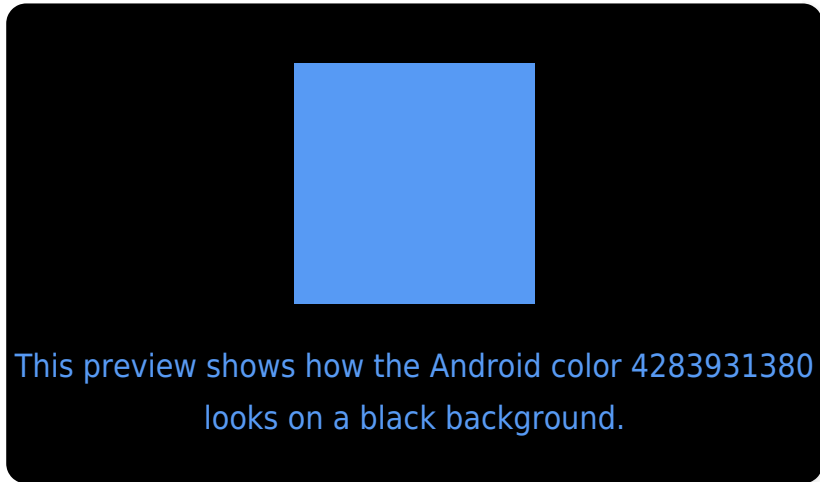
Large Text (above 18pt) WCAG AA × Fail

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

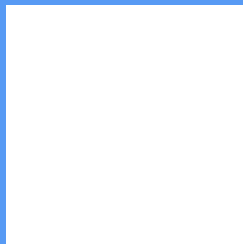
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283931380 Background



This preview shows how black text looks on a background with the Android color 4283931380.



This preview shows how white text looks on a background with the Android color 4283931380.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283931380 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, 154, 244)` looks like.

```
.text, #text, p{  
    color:rgb(87, 154, 244)  
}
```

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, 154, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 154, 244) }
```

## Border

The CSS property to change the border of an element to Android 4283931380 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, 154, 244) }
```

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

```
.border{ border-color:rgb(87, 154, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 154, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 154, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 154, 244);  
box-shadow:4px 4px 4px 4px rgb(87, 154,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4283931380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 154, 244) }
```

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

```
.background{ background-color: rgb(87, 154,  
244) }
```

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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