

# Converting Colors

Android(4280254381)

Have a look what the booklet for  
Android(4280254381) contains.

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# Color

**Android(4280254381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F7FAD
RGB	31, 127, 173
RGB Percent	12%, 50%, 68%
CMY	0.8784, 0.5020, 0.3216
CMYK	0.82, 0.27, 0.00, 0.32
HSL	199°, 70%, 40%
HSV	199°, 82%, 68%
XYZ	15.6973, 18.4872, 42.2762
YIQ	103.5400, -71.9820, -6.0460

# Conversions

## Conversions Part 2

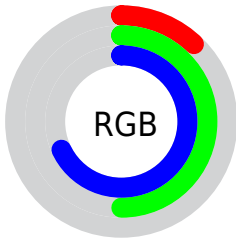
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 88, 173
Decimal	2064301
CIE <sub>Lab</sub>	50.08, -10.51, -31.97
CIE <sub>LCh</sub>	50, 33.656, 251.803
Yxy	18.4872, 0.2053, 0.2418
Android (android.graphics.Color)	4280254381 (0xFF1F7FAD)
YUV	103.5400, 34.2438, -63.6176
Hunter-Lab	42.9967, -10.0774, -28.1988

# Details

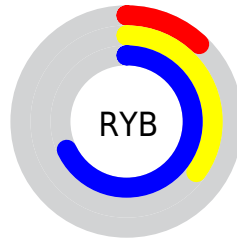
The Android color `4280254381` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289547551`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284789989`, and `4278210168` is the 20% darker color. If you saturate the color by 10%, you get `4279138733`, and if you desaturate by 10%, it is `4281370029`.

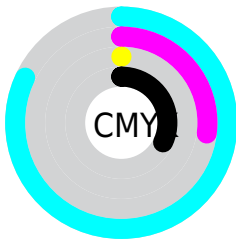
# Distribution



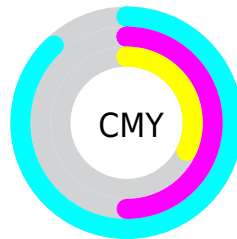
- Red (12%)
- Green (50%)
- Blue (68%)



- Red (12%)
- Yellow (35%)
- Blue (68%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (50%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280254381 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 4280254381 by changing the saturation by 10% instead.





4280254381



4280254381

4294967295



4278216338



4284789989



4278210168



4286763007



4278204255



4288670719



4278198855



4290641919



4278191409



4292542463



4278190363



4294508543



4278190080



4280254381



4280254381



4279138733



4281370029

■ 4278220205

■ 4282550957

■ 4283666605

■ 4284781997

■ 4285963181

■ 4287078829

■ 4288194221

■ 4289309869

■ 4290490797

# Harmonies

## Analogous

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



4278224028



4280254381



4284380847

# Triad

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



4280254381



4289618029



4284448843

# Complementary

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



4280254381



4289547551

# 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.



4286478654



4280254381



4289291858

# Square

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



4280254381



4288897674



4288180033



4281894244

# Rectangle

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



4280254381



4286345128



4288180033



4285169221



# Sweetspot

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



4280254381



4289253088



4280266060



4283393392



4293980400



4285558896



# Same Dimension

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



4280254381



4278491616



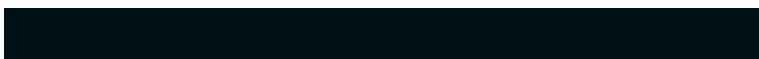
4280236461



4283323479



4278216342



4278194199



# Inverse Universe

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



4289535871



4292871321



4289565471



4283911764



4288020582



4279697424



# Previews

## White Background



This preview shows how the Android color 4280254381 looks on a white background.

## Color Contrast Check

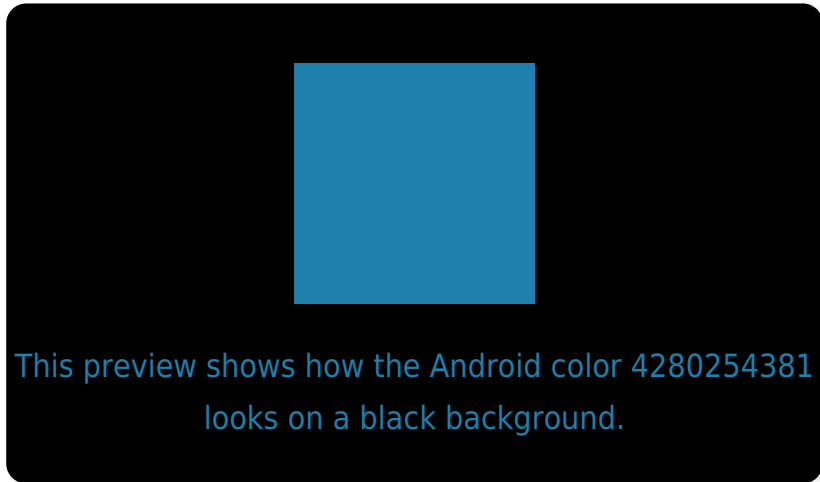
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4280254381 Background



This preview shows how black text looks on a background with the Android color 4280254381.



This preview shows how white text looks on a background with the Android color 4280254381.

# 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**  
4280254381

**Protanomaly**  
4283267496

**Deuteranomaly**  
4282874286

**Tritanomaly**  
4278944409

# Monochromacy



**Original Color**  
4280254381

**Achromatopsia**  
4285032552

**Achromatomaly**  
4283265153

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280254381 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(31, 127, 173)` looks like.

```
.text, #text, p{  
    color:rgb(31, 127, 173)  
}
```

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(31, 127, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 127, 173) }
```

## Border

The CSS property to change the border of an element to Android 4280254381 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(31, 127, 173) }
```

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

```
.border{ border-color:rgb(31, 127, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 127, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 127, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 127, 173);  
box-shadow:4px 4px 4px 4px rgb(31, 127,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4280254381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 127, 173) }
```

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

```
.background{ background-color: rgb(31, 127,  
173) }
```

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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