

Converting Colors

Android(4279606381)

Have a look what the booklet for
Android(4279606381) contains.

Android(4279606381)	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(4279606381)

Conversions

Conversions Part 1

Format	Color
Hex	159C6D
RGB	21, 156, 109
RGB Percent	8%, 61%, 43%
CMY	0.9176, 0.3882, 0.5725
CMYK	0.87, 0.00, 0.30, 0.39
HSL	159°, 76%, 35%
HSV	159°, 87%, 61%
XYZ	14.9580, 25.0405, 18.5129
YIQ	110.2770, -65.3730, -43.2370

Conversions

Conversions Part 2

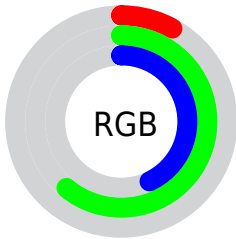
Format	Color
RYB	21, 103, 156
Decimal	1416301
CIELab	57.11, -45.20, 15.26
CIELCh	57, 47.708, 161.344
Yxy	25.0405, 0.2556, 0.4280
Android (android.graphics.Color)	4279606381 (0xFF159C6D)
YUV	110.2770, -0.6296, -78.2959
Hunter-Lab	50.0405, -34.2138, 13.0935

Details

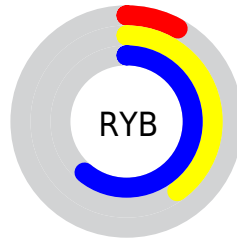
The Android color `4279606381` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288419140`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284339105`, and `4278216509` is the 20% darker color. If you saturate the color by 10%, you get `4278557800`, and if you desaturate by 10%, it is `4280654962`.

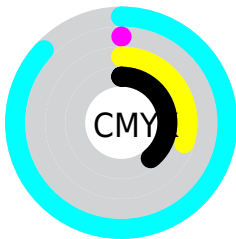
Distribution



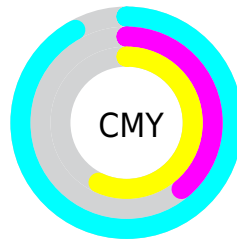
- Red (8%)
- Green (61%)
- Blue (43%)



- Red (8%)
- Yellow (40%)
- Blue (61%)



- Cyan (87%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



- Cyan (92%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279606381 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 4279606381 by changing the saturation by 10% instead.



4279606381



4279606381

4294967295



4278223189



4284339105



4278216509



4286312636



4278210087



4288217048



4278203922



4290117620



4278198272



4292083711



4278190080



4293984255



4279606381



4279606381



4278557800



4280654962

■ 4278230118

■ 4281638008

■ 4282686589

■ 4283669635

■ 4284718216

■ 4285766798

■ 4286749843

■ 4287798424

■ 4288781470

Harmonies

Analogous

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



4284782152



4279606381



4278230680

Triad

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



4279606381



4284254427



4291784276

Complementary

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



4279606381



4288419140

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.



4292240763



4279606381



4288706760

Square

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



4279606381



4278228439



4291324325



4290149945

Rectangle

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



4279606381



4278230451



4291324325



4292110944

Sweetspot

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



4279606381



4288138426



4282686485



4282803803



4293322470



4284900966

Same Dimension

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



4279606381



4278242437



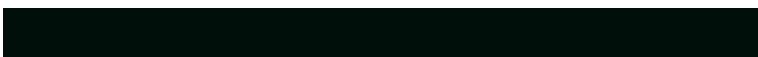
4279601308



4282863436



4278226781



4278193930

Inverse Universe

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



4288419140



4291559495



4288424213



4283385674



4287561778



4279173125

Previews

White Background



This preview shows how the Android color 4279606381 looks on a white background.

Color Contrast Check

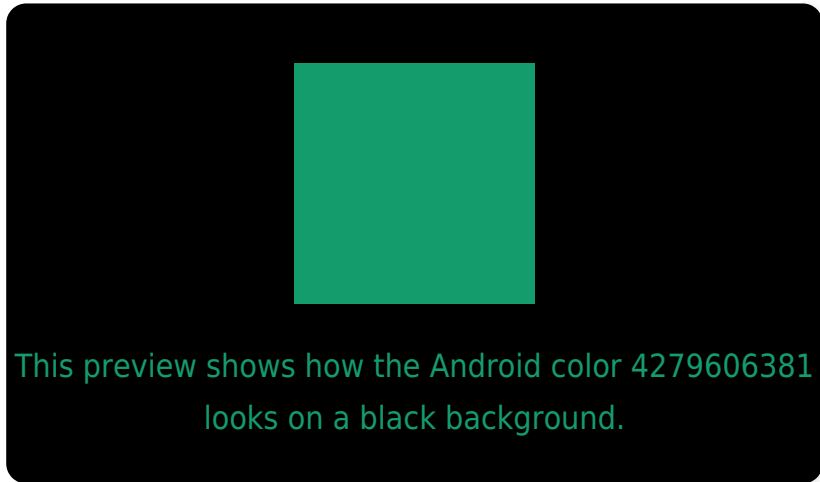
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279606381 Background



This preview shows how black text looks on a background with the Android color 4279606381.



This preview shows how white text looks on a background with the Android color 4279606381.

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

4279606381



Protanomaly

4284845927



Deuteranomaly

4285303921



Tritanomaly

4281047182

Monochromacy



Original Color

4279606381



Achromatopsia

4285427310



Achromatomaly

4283334510

CSS Examples

Text

The CSS property to change the color of the text to Android 4279606381 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(21, 156, 109)` looks like.

```
.text, #text, p{  
    color:rgb(21, 156, 109)  
}
```

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(21, 156, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 156, 109) }
```

Border

The CSS property to change the border of an element to Android 4279606381 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(21, 156, 109) }
```

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

```
.border{ border-color:rgb(21, 156, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 156, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 156, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 156, 109);  
box-shadow:4px 4px 4px 4px rgb(21, 156,  
109) }
```

Background

The CSS property to change the background color of an element to Android 4279606381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 156, 109) }
```

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

```
.background{ background-color: rgb(21, 156,  
109) }
```

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