

Converting Colors

Android(4278230121)

Have a look what the booklet for
Android(4278230121) contains.

Android(4278230121)	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(4278230121)

Conversions

Conversions Part 1

Format	Color
Hex	009C69
RGB	0, 156, 105
RGB Percent	0%, 61%, 41%
CMY	1.0000, 0.3882, 0.5882
CMYK	1.00, 0.00, 0.33, 0.39
HSL	160°, 100%, 31%
HSV	160°, 100%, 61%
XYZ	14.4383, 24.7969, 17.3899
YIQ	103.5420, -76.6050, -48.9330

Conversions

Conversions Part 2

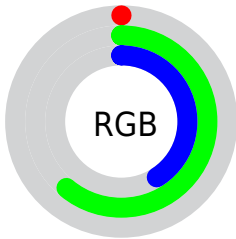
Format	Color
RYB	0, 93, 156
Decimal	40041
CIELab	56.88, -47.34, 17.14
CIELCh	57, 50.346, 160.098
Yxy	24.7969, 0.2550, 0.4379
Android (android.graphics.Color)	4278230121 (0xFF009C69)
YUV	103.5420, 0.7188, -90.8063
Hunter-Lab	49.7964, -35.3884, 14.1523

Details

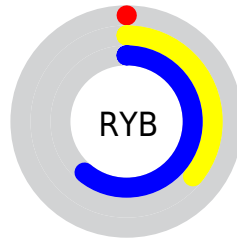
The Android color `4278230121` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288413747`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4283946140`, and `4278216505` is the 20% darker color. If you saturate the color by 10%, you get `4278230121`, and if you desaturate by 10%, it is `4279278702`.

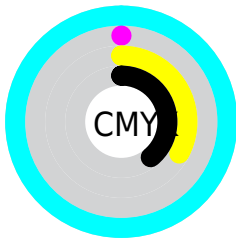
Distribution



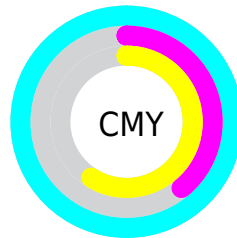
- Red (0%)
- Green (61%)
- Blue (41%)



- Red (0%)
- Yellow (36%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230121 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 4278230121 by changing the saturation by 10% instead.

 4278230121

 4278230121

4294967295

 4278223185

 4283946140

 4278216505

 4285984951


 4278210083

 4287889363

 4278203918

 4289789935

 4278198272

 4291756031


 4278190080

 4293722111

 4278230121

 4279278702

 4280261747

 4281310328

 4282293373

 4283341955

 4284390536

 4285373581

 4286422162

 4287405207

Harmonies

Analogous

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



4284716610



4278230121



4278230678

Triad

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



4278230121



4283599071



4291980114

Complementary

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



4278230121



4288413747

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.



4292436347



4278230121



4288575436

Square

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



4278230121



4278228443



4291389095



4290280500

Rectangle

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



4278230121



4278230451



4291389095



4292306527

Sweetspot

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



4278230121



4287614136



4281637888



4282476122



4293322470



4284900966

Same Dimension

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



4278230121



4278242441



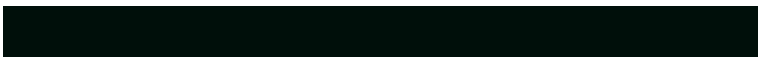
4278223516



4282863436



4278226784



4278193930

Inverse Universe

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



4288413747



4291559491



4288420352



4283385674



4287561775



4279173125

Previews

White Background



This preview shows how the Android color 4278230121 looks on a white background.

Color Contrast Check

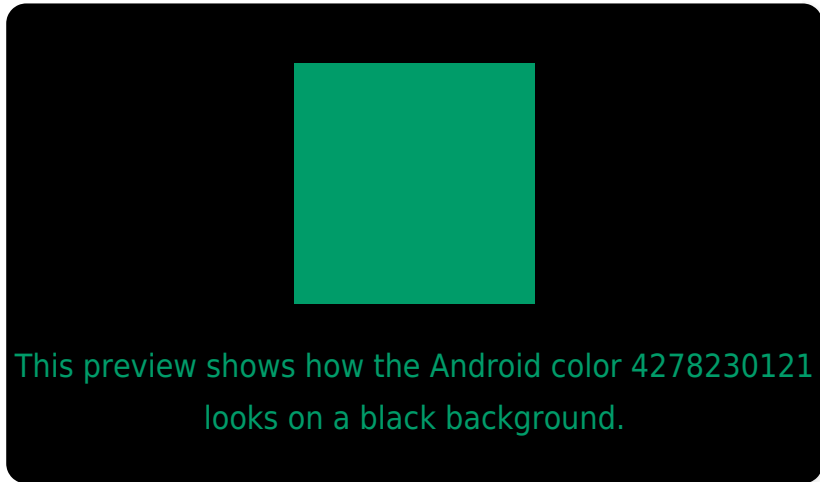
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230121 Background



This preview shows how black text looks on a background with the Android color 4278230121.



This preview shows how white text looks on a background with the Android color 4278230121.

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

4278230121



Protanomaly

4284321635



Deuteranomaly

4284779373



Tritanomaly

4280457357

Monochromacy



Original Color

4278230121



Achromatopsia

4285032552



Achromatomaly

4282547048

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230121 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(0, 156, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 105)  
}
```

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(0, 156, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 105) }
```

Border

The CSS property to change the border of an element to Android 4278230121 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(0, 156, 105) }
```

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

```
.border{ border-color:rgb(0, 156, 105) }
```

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

Here you see how a box with a 4 pixel rgb(0, 156, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4278230121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 105) }
```

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

```
.background{ background-color: rgb(0, 156,  
105) }
```

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