

Converting Colors

Android(4278231121)

Have a look what the booklet for
Android(4278231121) contains.

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Color

Android(4278231121)

Conversions

Conversions Part 1

Format	Color
Hex	00A051
RGB	0, 160, 81
RGB Percent	0%, 63%, 32%
CMY	1.0000, 0.3725, 0.6824
CMYK	1.00, 0.00, 0.49, 0.37
HSL	150°, 100%, 31%
HSV	150°, 100%, 63%
XYZ	14.0560, 25.7357, 12.0112
YIQ	103.1540, -70.0010, -58.4890

Conversions

Conversions Part 2

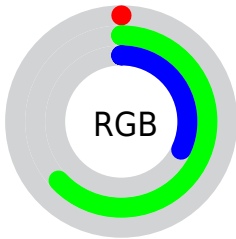
Format	Color
RYB	0, 106, 160
Decimal	41041
CIELab	57.79, -53.63, 31.30
CIELCh	58, 62.094, 149.734
Yxy	25.7357, 0.2713, 0.4968
Android (android.graphics.Color)	4278231121 (0xFF00A051)
YUV	103.1540, -10.9219, -90.4661
Hunter-Lab	50.7304, -39.3206, 21.4734

Details

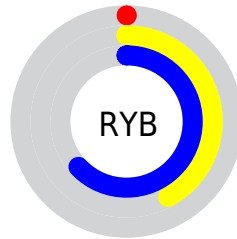
The Android color `4278231121` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288675919`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284078212`, and `4278217505` is the 20% darker color. If you saturate the color by 10%, you get `4278231121`, and if you desaturate by 10%, it is `4279279705`.

Distribution



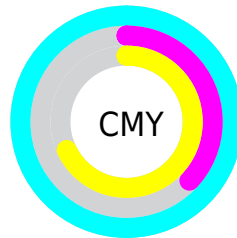
- Red (0%)
- Green (63%)
- Blue (32%)



- Red (0%)
- Yellow (42%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231121 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 4278231121 by changing the saturation by 10% instead.

 4278231121

 4278231121

4294967295

 4278224185

 4284078212

 4278217505

 4286051742

 4278210824

 4288020409

 4278204672

 4289920981

 4278198784

 4291887090


 4278190080

 4293853183

 4278231121

 4279279705

 4280328289

 4281376873

 4282425457

 4283474041

 4284522624

 4285571208

 4286619792

 4287668376

Harmonies

Analogous

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



4285568800



4278231121



4278232201

Triad

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



4278231121



4278227448



4293483864

Complementary

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



4278231121



4288675919

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.



4293481870



4278231121



4287135210

Square

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



4278231121



4278230760



4291519682



4291851050

Rectangle

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



4278231121



4278232238



4291519682



4293678953

Sweetspot

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



4278231121



4287812018



4283473920



4282607958



4293454056



4285098345

Same Dimension

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



4278231121



4278243690



4278231200



4282863435



4278226760



4278193928

Inverse Universe

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



4288675919



4291887207



4288675840



4283385675



4287561799



4279173128

Previews

White Background



This preview shows how the Android color 4278231121 looks on a white background.

Color Contrast Check

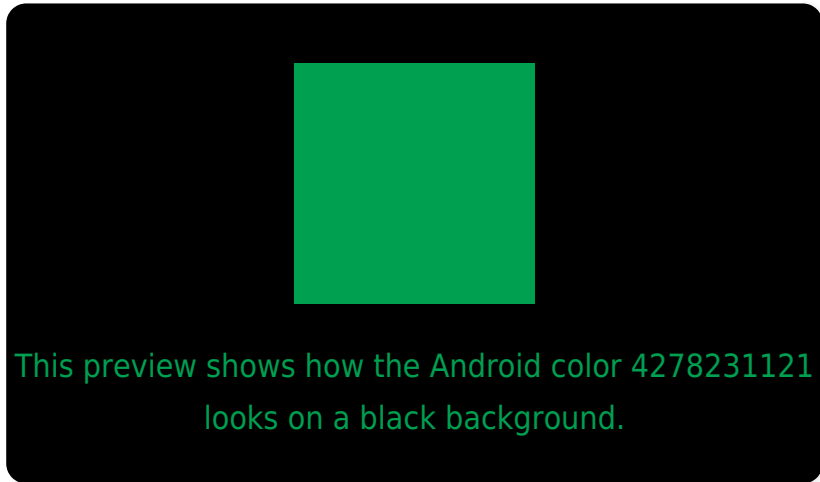
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231121 Background



This preview shows how black text looks on a background with the Android color 4278231121.



This preview shows how white text looks on a background with the Android color 4278231121.

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



Original Color
4278231121

Protanopia
4288186953

Deuteranopia
4289102936

Trichromacy



Original Color

4278231121



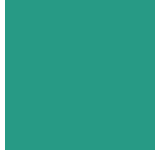
Protanomaly

4284584524



Deuteranomaly

4285173333



Tritanomaly

4280785541

Monochromacy



Original Color

4278231121



Achromatopsia

4284966759



Achromatomaly

4282547295

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231121 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, 160, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 81)  
}
```

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, 160, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 81) }
```

Border

The CSS property to change the border of an element to Android 4278231121 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, 160, 81) }
```

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

```
.border{ border-color:rgb(0, 160, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 160, 81)  
}
```

Background

The CSS property to change the background color of an element to Android 4278231121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 81) }
```

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

```
.background{ background-color: rgb(0, 160,  
81) }
```

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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