

Converting Colors

Android(4278242371)

Have a look what the booklet for
Android(4278242371) contains.

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Color

Android(4278242371)

Conversions

Conversions Part 1

Format	Color
Hex	00CC43
RGB	0, 204, 67
RGB Percent	0%, 80%, 26%
CMY	1.0000, 0.2000, 0.7373
CMYK	1.00, 0.00, 0.67, 0.20
HSL	140°, 100%, 40%
HSV	140°, 100%, 80%
XYZ	22.6060, 43.5910, 12.5326
YIQ	127.3860, -77.6070, -85.8550

Conversions

Conversions Part 2

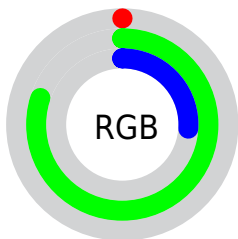
Format	Color
RYB	0, 154, 204
Decimal	52291
CIELab	71.95, -69.32, 54.36
CIELCh	72, 88.095, 141.900
Yxy	43.5910, 0.2871, 0.5537
Android (android.graphics.Color)	4278242371 (0xFF00CC43)
YUV	127.3860, -29.7703, -111.7175
Hunter-Lab	66.0235, -54.4239, 34.9619

Details

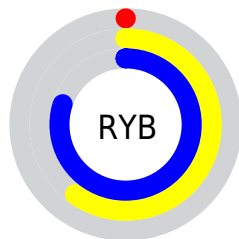
The Android color **4278242371** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4291559561**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4285005689**, and **4278227968** is the 20% darker color. If you saturate the color by 10%, you get **4278242371**, and if you desaturate by 10%, it is **4279553105**.

Distribution



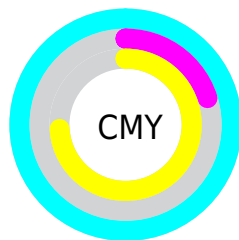
- Red (0%)
- Green (80%)
- Blue (26%)



- Red (0%)
- Yellow (60%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242371 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 4278242371 by changing the saturation by 10% instead.

 4278242371

 4278242371

4294967295

 4278235175

 4285005689

 4278227968

 4287168404

 4278221056

 4289200048

 4278214400

 4291231692

 4278207744

 4293263337

 4278201600

 4278193408

 4278190080

 4278242371

 4279553105

 4280929374

 4282240108

 4283616378

 4284927112

 4286237845

 4287614115

 4288924849

 4290301118

Harmonies

Analogous

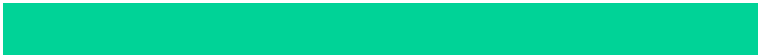
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288396800



4278242371



4278244247

Triad

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



4278242371



4278239743



4294925434

Complementary

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



4278242371



4291559561

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.



4294924234



4278242371



4286162431

Square

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



4278242371



4278243327



4294606079



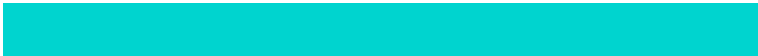
4294934829

Rectangle

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



4278242371



4278244559



4294606079



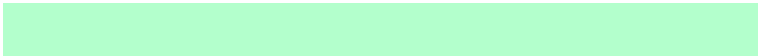
4294923412

Sweetspot

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



4278242371



4289986508



4287351808



4283596897



4278190080



4286611584

Same Dimension

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



4278242371



4278255444



4278242471



4284245599



4278232630



4278199821

Inverse Universe

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



4291559561



4294901931



4291559461



4284898403



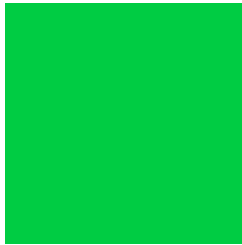
4289069167



4280680474

Previews

White Background



This preview shows how the Android color 4278242371 looks on a white background.

Color Contrast Check

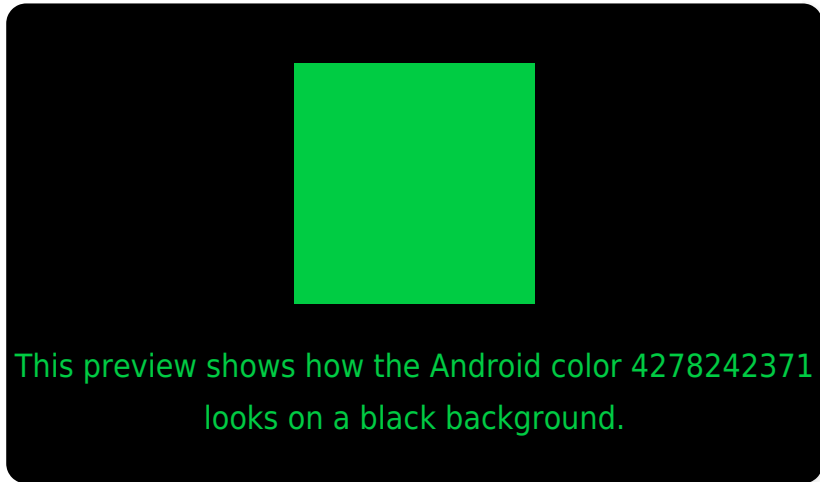
Large Text (above 18pt) WCAG AA × Fail

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 4278242371 Background



This preview shows how black text looks on a background with the Android color 4278242371.



This preview shows how white text looks on a background with the Android color 4278242371.

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



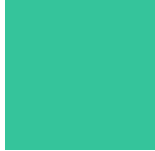
Original Color
4278242371



Protanomaly
4286429758



Deuteranomaly
4287214667



Tritanomaly
4281713819

Monochromacy



Original Color
4278242371



Achromatopsia
4286545791



Achromatomaly
4283538281

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242371 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, 204, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 67)  
}
```

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, 204, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 67) }
```

Border

The CSS property to change the border of an element to Android 4278242371 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, 204, 67) }
```

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

```
.border{ border-color:rgb(0, 204, 67) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 67)  
}
```

Background

The CSS property to change the background color of an element to Android 4278242371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 67) }
```

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

```
.background{ background-color: rgb(0, 204,  
67) }
```

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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