

Converting Colors

Android(4278231333)

Have a look what the booklet for
Android(4278231333) contains.

Android(4278231333)	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(4278231333)

Conversions

Conversions Part 1

Format	Color
Hex	00A125
RGB	0, 161, 37
RGB Percent	0%, 63%, 15%
CMY	1.0000, 0.3686, 0.8549
CMYK	1.00, 0.00, 0.77, 0.37
HSL	134°, 100%, 32%
HSV	134°, 100%, 63%
XYZ	13.0788, 25.6233, 6.0067
YIQ	98.7250, -56.1520, -72.6960

Conversions

Conversions Part 2

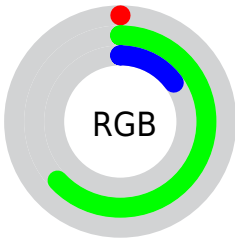
Format	Color
RYB	0, 131, 161
Decimal	41253
CIELab	57.68, -59.44, 50.89
CIELCh	58, 78.253, 139.429
Yxy	25.6233, 0.2925, 0.5731
Android (android.graphics.Color)	4278231333 (0xFF00A125)
YUV	98.7250, -30.4304, -86.5818
Hunter-Lab	50.6195, -42.4642, 28.3980

Details

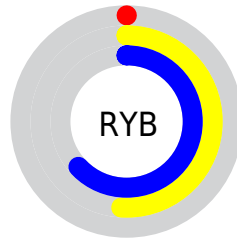
The Android color **4278231333** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **4288741500**, and the grayscale version is **4284703587**.

A 20% lighter version of the original color is **4284209499**, and **4278217728** is the 20% darker color. If you saturate the color by 10%, you get **4278231333**, and if you desaturate by 10%, it is **4279279921**.

Distribution



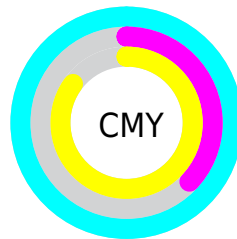
- Red (0%)
- Green (63%)
- Blue (15%)



- Red (0%)
- Yellow (51%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231333 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 4278231333 by changing the saturation by 10% instead.

 4278231333

 4278231333

4294967295

 4278224384

 4284209499

 4278217728

 4286248566

 4278211072

 4288216977

 4278204928

 4290183084

 4278198784

 4292083656


 4278190080

 4294115301

 4278231333

 4279279921

 4280328510

 4281377098

 4282425687

 4283539811

 4284588399

 4285636988

 4286685576

 4287734165

Harmonies

Analogous

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



4286420224



4278231333



4278232943

Triad

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



4278231333



4278229759



4294917218

Complementary

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



4278231333



4288741500

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.



4294392742



4278231333



4282614783

Square

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



4278231333



4278232562



4290994405



4293484318

Rectangle

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



4278231333



4278233247



4290994405



4294915448

Sweetspot

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



4278231333



4287812001



4286488832



4282607948



4293454056



4285098345

Same Dimension

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



4278231333



4278243632



4278231411



4282995275



4278227233



4278194692

Inverse Universe

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



4288741500



4291887265



4288741422



4283582800



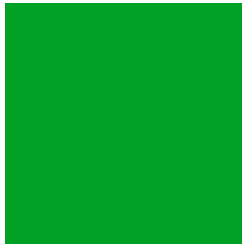
4287692912



4279369742

Previews

White Background



This preview shows how the Android color 4278231333 looks on a white background.

Color Contrast Check

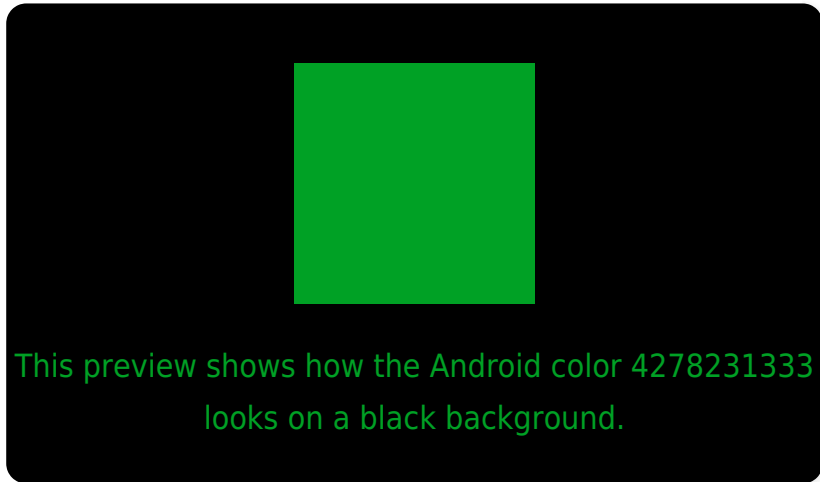
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231333 Background



This preview shows how black text looks on a background with the Android color 4278231333.



This preview shows how white text looks on a background with the Android color 4278231333.

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
4278231333

Protanopia
4288383519

Deuteranopia
4289495858

Trichromacy



Original Color

4278231333



Protanomaly

4284715553



Deuteranomaly

4285369901



Tritanomaly

4281047669

Monochromacy



Original Color

4278231333



Achromatopsia

4284703587



Achromatomaly

4282350156

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231333 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, 161, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 37)  
}
```

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, 161, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 37) }
```

Border

The CSS property to change the border of an element to Android 4278231333 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, 161, 37) }
```

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

```
.border{ border-color:rgb(0, 161, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 37)  
}
```

Background

The CSS property to change the background color of an element to Android 4278231333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 37) }
```

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

```
.background{ background-color: rgb(0, 161,  
37) }
```

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