

Converting Colors

Android(4278233918)

Have a look what the booklet for
Android(4278233918) contains.

Android(4278233918)	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(4278233918)

Conversions

Conversions Part 1

Format	Color
Hex	00AB3E
RGB	0, 171, 62
RGB Percent	0%, 67%, 24%
CMY	1.0000, 0.3294, 0.7569
CMYK	1.00, 0.00, 0.64, 0.33
HSL	142°, 100%, 34%
HSV	142°, 100%, 67%
XYZ	15.4324, 29.4736, 9.4330
YIQ	107.4450, -66.9270, -70.1510

Conversions

Conversions Part 2

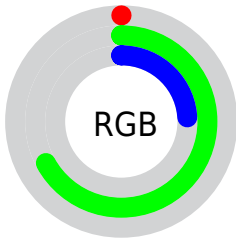
Format	Color
RYB	0, 125, 171
Decimal	43838
CIELab	61.20, -59.97, 44.60
CIELCh	61, 74.741, 143.362
Yxy	29.4736, 0.2840, 0.5424
Android (android.graphics.Color)	4278233918 (0xFF00AB3E)
YUV	107.4450, -22.4044, -94.2293
Hunter-Lab	54.2896, -44.2663, 27.7009

Details

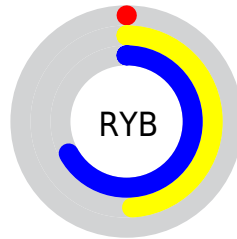
The Android color **4278233918** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4289396845**, and the grayscale version is **4285295724**.

A 20% lighter version of the original color is **4284343410**, and **4278220035** is the 20% darker color. If you saturate the color by 10%, you get **4278233918**, and if you desaturate by 10%, it is **4279348041**.

Distribution



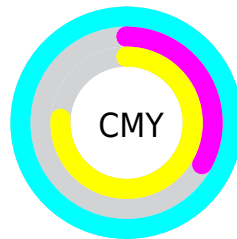
- Red (0%)
- Green (67%)
- Blue (24%)



- Red (0%)
- Yellow (49%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233918 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 4278233918 by changing the saturation by 10% instead.

 4278233918

 4278233918

4294967295

 4278226980

 4284343410

 4278220035

 4286381964

 4278213376

 4288348071

 4278206976

 4290314179

 4278201088

 4292280288

 4278192128


 4294311933

 4278190080

 4278233918

 4279348041

 4280462164

 4281576287

 4282690410

 4283804532

 4284984191

 4286098314

 4287212437

 4288326560

Harmonies

Analogous

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



4286619648



4278233918



4278235266

Triad

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



4278233918



4278231295



4294922596

Complementary

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



4278233918



4289396845

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.



4294921381



4278233918



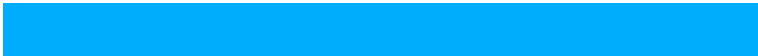
4285565439

Square

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



4278233918



4278234621



4292110564



4293750565

Rectangle

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



4278233918



4278235824



4292110564



4294921081

Sweetspot

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



4278233918



4288405171



4285508352



4282937430



4293980400



4285558896

Same Dimension

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



4278233918



4278246992



4278234001



4283324241



4278228535



4278195976

Inverse Universe

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



4289396845



4292739213



4289396762



4283911764



4288020576



4279697423

Previews

White Background



This preview shows how the Android color 4278233918 looks on a white background.

Color Contrast Check

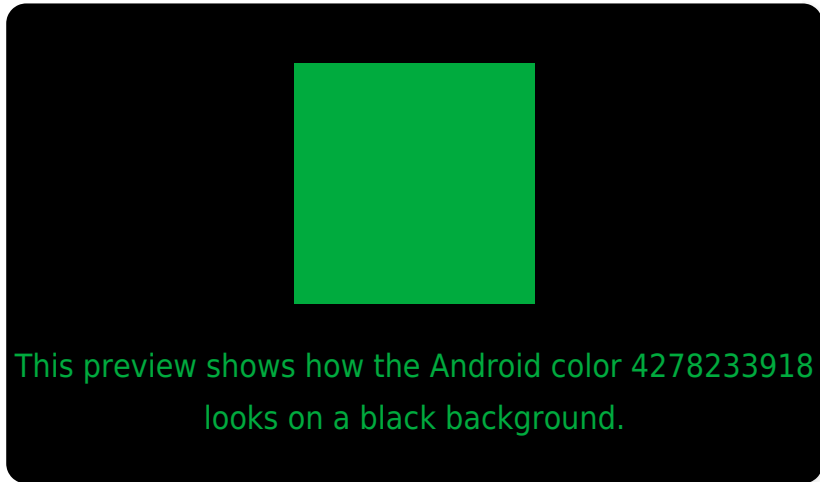
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278233918 Background



This preview shows how black text looks on a background with the Android color 4278233918.



This preview shows how white text looks on a background with the Android color 4278233918.

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



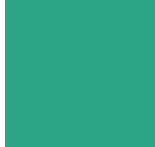
Original Color
4278233918



Protanomaly
4285045818



Deuteranomaly
4285765444



Tritanomaly
4281115781

Monochromacy



Original Color
4278233918



Achromatopsia
4285229931



Achromatomaly
4282679899

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233918 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, 171, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 62)  
}
```

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, 171, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 62) }
```

Border

The CSS property to change the border of an element to Android 4278233918 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, 171, 62) }
```

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

```
.border{ border-color:rgb(0, 171, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 171, 62)  
}
```

Background

The CSS property to change the background color of an element to Android 4278233918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 62) }
```

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

```
.background{ background-color: rgb(0, 171,  
62) }
```

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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