

# Converting Colors

Android(4278233378)

Have a look what the booklet for  
Android(4278233378) contains.

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**Color**

**Android(4278233378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A922
RGB	0, 169, 34
RGB Percent	0%, 66%, 13%
CMY	1.0000, 0.3373, 0.8667
CMYK	1.00, 0.00, 0.80, 0.34
HSL	132°, 100%, 33%
HSV	132°, 100%, 66%
XYZ	14.4767, 28.4914, 6.2498
YIQ	103.0790, -57.3890, -77.8130

# Conversions

## Conversions Part 2

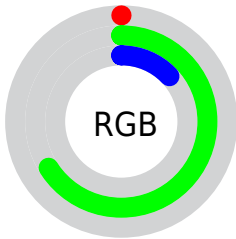
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 141, 169
Decimal	43298
CIELab	60.33, -61.99, 54.45
CIElCh	60, 82.509, 138.701
Yxy	28.4914, 0.2941, 0.5789
Android (android.graphics.Color)	4278233378 (0xFF00A922)
YUV	103.0790, -34.0559, -90.4003
Hunter-Lab	53.3774, -44.9986, 30.4221

# Details

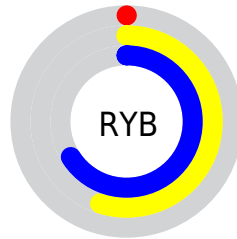
The Android color `4278233378` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289265799`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284408410`, and `4278219520` is the 20% darker color. If you saturate the color by 10%, you get `4278233378`, and if you desaturate by 10%, it is `4279347503`.

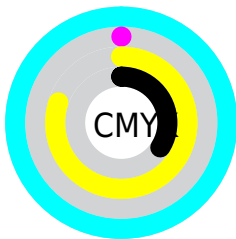
# Distribution



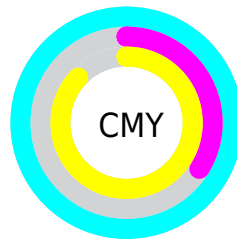
- Red (0%)
- Green (66%)
- Blue (13%)



- Red (0%)
- Yellow (55%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278233378 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 4278233378 by changing the saturation by 10% instead.



 4278233378

 4278233378

4294967295

 4278226432

 4284408410

 4278219520

 4286447477

 4278212864

 4288413584

 4278206464

 4290379692

 4278200576

 4292411336

 4278190592


 4294377445

 4278190080

 4278233378

 4279347503

 4280461629

 4281575754

 4282689880

 4283738469

 4284852595

 4285966720

 4287080846

 4288194971

# Harmonies

## Analogous

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



4286946304



4278233378



4278234994

# Triad

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



4278233378



4278231807



4294916968

# Complementary

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



4278233378



4289265799

# 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.



4294917296



4278233378



4282026751

# Square

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



4278233378



4278234878



4291519987



4294402592

# Rectangle

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



4278233378



4278235557



4291519987



4294915200



# Sweetspot

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



4278233378



4288338855



4287080704



4282805838



4293783021



4285427310



# Same Dimension

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



4278233378



4278246188



4278233462



4283192397



4278227998



4278195204



# Inverse Universe

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



4289265799



4292542639



4289265715



4283714642



4287889526

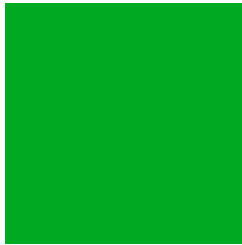


4279500816



# Previews

## White Background



This preview shows how the Android color 4278233378 looks on a white background.

## Color Contrast Check

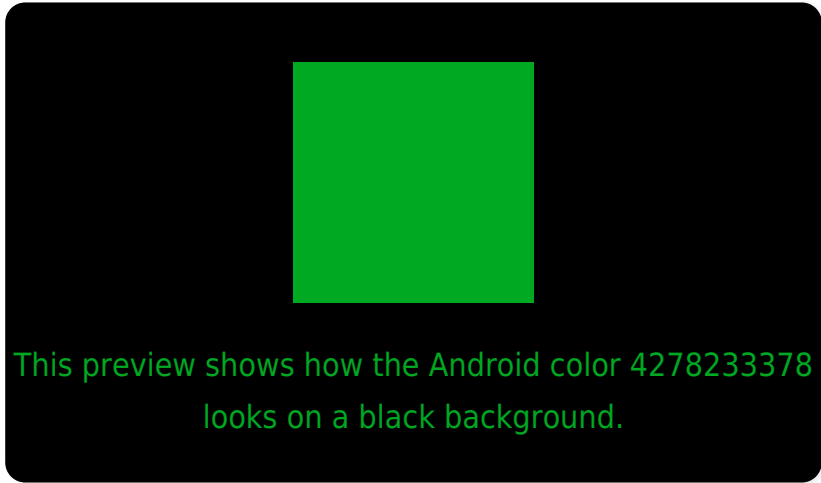
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278233378 Background



This preview shows how black text looks on a background with the Android color 4278233378.



This preview shows how white text looks on a background with the Android color 4278233378.

# 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**

4278233378



**Protanomaly**

4285045278



**Deuteranomaly**

4285764908



**Tritanomaly**

4281180537

# Monochromacy



**Original Color**

4278233378



**Achromatopsia**

4284966759



**Achromatomaly**

4282548046

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278233378 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, 169, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 34)  
}
```

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, 169, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 34) }
```

## Border

The CSS property to change the border of an element to Android 4278233378 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, 169, 34) }
```

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

```
.border{ border-color:rgb(0, 169, 34) }
```

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

Here you see how a box with a 4 pixel rgb(0, 169, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 34);  
box-shadow:4px 4px 4px 4px rgb(0, 169, 34)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278233378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 34) }
```

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

```
.background{ background-color: rgb(0, 169,  
34) }
```

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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