

# Converting Colors

Android(4278228248)

Have a look what the booklet for  
Android(4278228248) contains.

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**Color**

**Android(4278228248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009518
RGB	0, 149, 24
RGB Percent	0%, 58%, 9%
CMY	1.0000, 0.4157, 0.9059
CMYK	1.00, 0.00, 0.84, 0.42
HSL	130°, 100%, 29%
HSV	130°, 100%, 58%
XYZ	10.9123, 21.5608, 4.4507
YIQ	90.1990, -48.6790, -70.4630

# Conversions

## Conversions Part 2

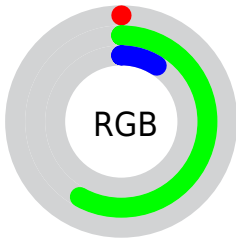
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 128, 149
Decimal	38168
CIELab	53.56, -56.81, 51.03
CIELCh	54, 76.362, 138.064
Yxy	21.5608, 0.2955, 0.5839
Android (android.graphics.Color)	4278228248 (0xFF009518)
YUV	90.1990, -32.6361, -79.1045
Hunter-Lab	46.4337, -39.3098, 26.8206

# Details

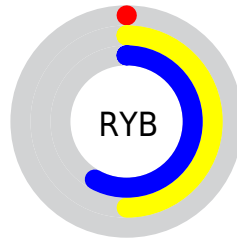
The Android color `4278228248` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4287955069`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284009552`, and `4278214656` is the 20% darker color. If you saturate the color by 10%, you get `4278228248`, and if you desaturate by 10%, it is `4279211300`.

# Distribution



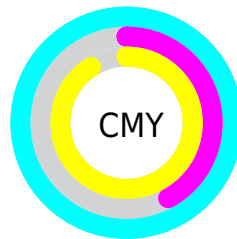
- Red (0%)
- Green (58%)
- Blue (9%)



- Red (0%)
- Yellow (50%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228248 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 4278228248 by changing the saturation by 10% instead.



 4278228248

 4278228248

4294967295

 4278221312

 4284009552

 4278214656

 4285983082

 4278208256

 4287889285

 4278202624

 4289855393

 4278195456

 4291821500

 4278190080

 4293787609

 4294967286

 4278228248

 4279211300

 4280194353

 4281177405

 4282160458

 4283143510

 4284061027

 4285044080

 4286027132

 4287010185

# Harmonies

## Analogous

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



4285958400



4278228248



4278229858

# Triad

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



4278228248



4278227199



4293996380

# Complementary

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



4278228248



4287955069

# 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.



4293276317



4278228248



4280646399

# Square

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



4278228248



4278229729



4289878233



4292629530

# Rectangle

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



4278228248



4278230161



4289878233



4294060401



# Sweetspot

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



4278228248



4287152785



4286551296



4282278212



4292927712



4284572001



# Same Dimension

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



4278228248



4278239775



4278228321



4282600004



4278225430



4278192642



# Inverse Universe

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



4287955069



4290904227



4287954996



4283056969



4287234164

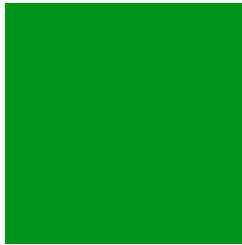


4278845449



# Previews

## White Background



This preview shows how the Android color 4278228248 looks on a white background.

## Color Contrast Check

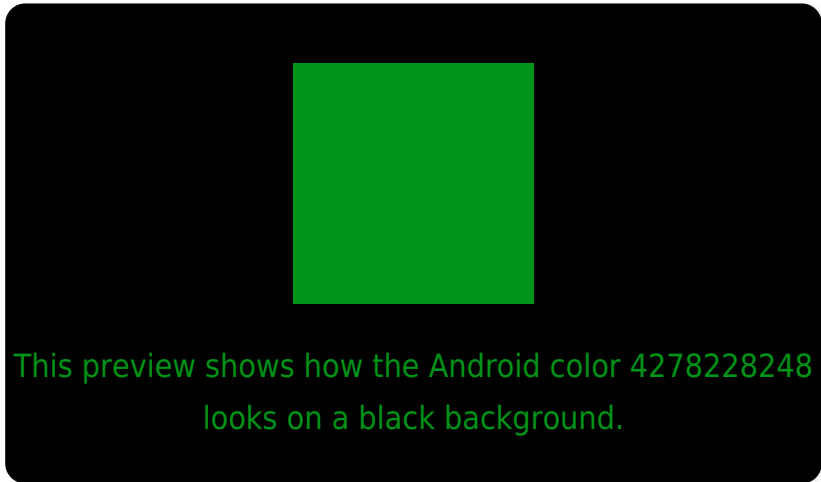
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228248 Background



This preview shows how black text looks on a background with the Android color 4278228248.



This preview shows how white text looks on a background with the Android color 4278228248.

# 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**

4278228248



**Protanomaly**

4284254228



**Deuteranomaly**

4284908322



**Tritanomaly**

4280782696

# Monochromacy



**Original Color**

4278228248



**Achromatopsia**

4284111450



**Achromatomaly**

4281954114

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228248 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, 149, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 24)  
}
```

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, 149, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 24) }
```

## Border

The CSS property to change the border of an element to Android 4278228248 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, 149, 24) }
```

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

```
.border{ border-color:rgb(0, 149, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 149, 24)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278228248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 24) }
```

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

```
.background{ background-color: rgb(0, 149,  
24) }
```

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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