

# Converting Colors

Android(4278229033)

Have a look what the booklet for  
Android(4278229033) contains.

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**Color**

**Android(4278229033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009829
RGB	0, 152, 41
RGB Percent	0%, 60%, 16%
CMY	1.0000, 0.4039, 0.8392
CMYK	1.00, 0.00, 0.73, 0.40
HSL	136°, 100%, 30%
HSV	136°, 100%, 60%
XYZ	11.6285, 22.6166, 5.8504
YIQ	93.8980, -54.9610, -66.7450

# Conversions

## Conversions Part 2

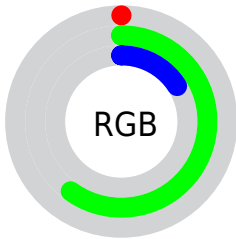
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 152
Decimal	38953
CIELab	54.68, -56.42, 46.38
CIELCh	55, 73.037, 140.574
Yxy	22.6166, 0.2900, 0.5641
Android (android.graphics.Color)	4278229033 (0xFF009829)
YUV	93.8980, -26.0787, -82.3485
Hunter-Lab	47.5569, -39.5782, 25.9961

# Details

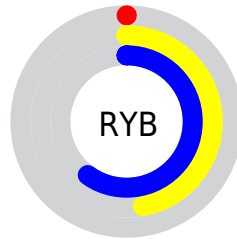
The Android color `4278229033` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288151663`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284010589`, and `4278215424` is the 20% darker color. If you saturate the color by 10%, you get `4278229033`, and if you desaturate by 10%, it is `4279212084`.

# Distribution



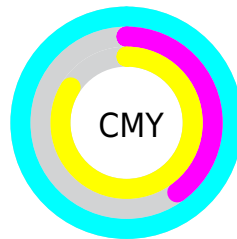
- Red (0%)
- Green (60%)
- Blue (16%)



- Red (0%)
- Yellow (47%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278229033 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 4278229033 by changing the saturation by 10% instead.



 4278229033

 4278229033

4294967295

 4278222089

 4284010589

 4278215424

 4285983863

 4278209024

 4287954834

 4278203136

 4289855405

 4278196480

 4291821514

 4278190080

 4293787622

 4278229033

 4279212084

 4280195135

 4281243722

 4282226773

 4283209825

 4284192876

 4285175927

 4286224514

 4287207565

# Harmonies

## Analogous

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



4285893888



4278229033



4278230380

# Triad

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



4278229033



4278227199



4293934427

# Complementary

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



4278229033



4288151663

# 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.



4293409690



4278229033



4283202554

# Square

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



4278229033



4278229988



4290403284



4292500509

# Rectangle

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



4278229033



4278230936



4290403284



4293998447



# Sweetspot

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



4278229033



4287218841



4285503488



4282409801



4293125091



4284703587



# Same Dimension

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



4278229033



4278240309



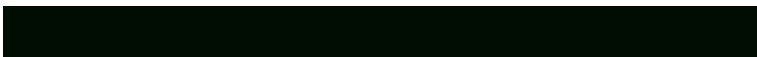
4278229109



4282731847



4278225958



4278193411



# Inverse Universe

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



4288151663



4291035279



4288151587



4283254090



4287365222

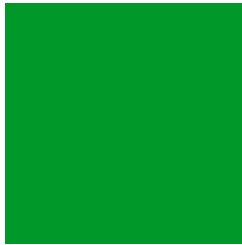


4279042057



# Previews

## White Background



This preview shows how the Android color 4278229033 looks on a white background.

## Color Contrast Check

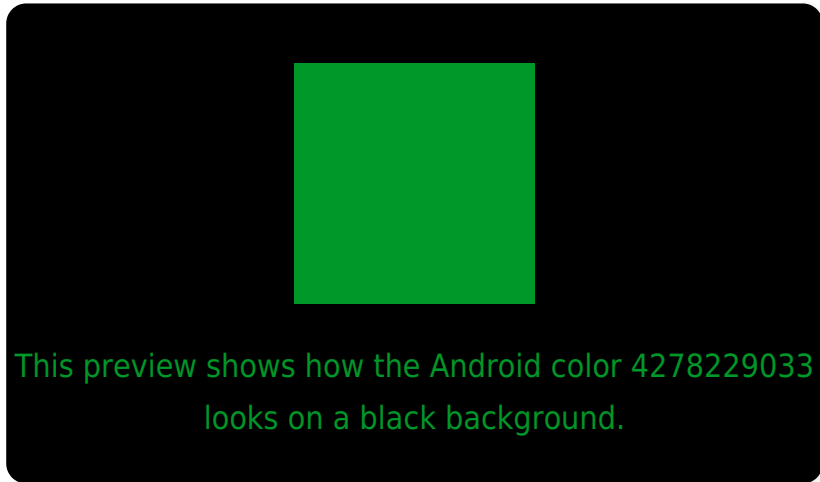
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278229033 Background



This preview shows how black text looks on a background with the Android color 4278229033.



This preview shows how white text looks on a background with the Android color 4278229033.

# 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**

4278229033



**Protanomaly**

4284320293



**Deuteranomaly**

4284974640



**Tritanomaly**

4280783472

# Monochromacy



**Original Color**

4278229033



**Achromatopsia**

4284374622



**Achromatomaly**

4282151755

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278229033 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, 152, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 41)  
}
```

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, 152, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 41) }
```

## Border

The CSS property to change the border of an element to Android 4278229033 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, 152, 41) }
```

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

```
.border{ border-color:rgb(0, 152, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 152, 41)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278229033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 41) }
```

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

```
.background{ background-color: rgb(0, 152,  
41) }
```

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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