

# Converting Colors

Android(4278229309)

Have a look what the booklet for  
Android(4278229309) contains.

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# Color

**Android(4278229309)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00993D
RGB	0, 153, 61
RGB Percent	0%, 60%, 24%
CMY	1.0000, 0.4000, 0.7608
CMYK	1.00, 0.00, 0.60, 0.40
HSL	144°, 100%, 30%
HSV	144°, 100%, 60%
XYZ	12.2335, 23.1194, 8.2326
YIQ	96.7650, -61.6560, -61.0480

# Conversions

## Conversions Part 2

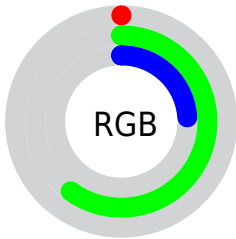
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 109, 153
Decimal	39229
CIELab	55.20, -54.43, 38.18
CIELCh	55, 66.482, 144.951
Yxy	23.1194, 0.2807, 0.5304
Android (android.graphics.Color)	4278229309 (0xFF00993D)
YUV	96.7650, -17.6321, -84.8629
Hunter-Lab	48.0826, -38.7293, 23.5063

# Details

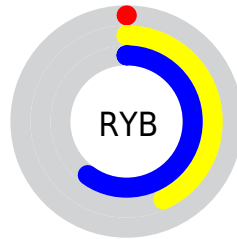
The Android color `4278229309` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288217180`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4283945327`, and `4278215688` is the 20% darker color. If you saturate the color by 10%, you get `4278229309`, and if you desaturate by 10%, it is `4279212358`.

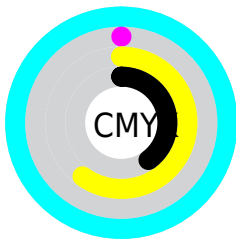
# Distribution



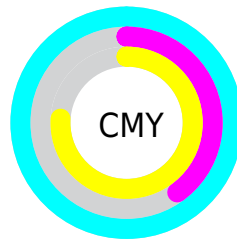
- Red (0%)
- Green (60%)
- Blue (24%)



- Red (0%)
- Yellow (43%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278229309 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 4278229309 by changing the saturation by 10% instead.



 4278229309

 4278229309

4294967295

 4278222372

 4283945327

 4278215688

 4285918602


 4278209280

 4287889316

 4278203392

 4289789888

 4278196992

 4291755996


 4278190080

 4293656569

 4278229309

 4279212358

 4280260943

 4281243993

 4282227042

 4283275627

 4284258676

 4285241725

 4286224775

 4287273360

# Harmonies

## Analogous

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



4285566720



4278229309



4278230648

# Triad

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



4278229309



4278226680



4293414231

# Complementary

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



4278229309



4288217180

# 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.



4293216144



4278229309



4285364717

# Square

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



4278229309



4278229730



4290731463



4291913250

# Rectangle

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



4278229309



4278230688



4290731463



4293543786



# Sweetspot

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



4278229309



4287350691



4284389632



4282409806



4293125091



4284703587



# Same Dimension

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



4278229309



4278241103



4278229383



4282731848



4278225976



4278193413



# Inverse Universe

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



4288217180



4291231864



4288217106



4283254089



4287365204



4279042056



# Previews

## White Background



This preview shows how the Android color 4278229309 looks on a white background.

## Color Contrast Check

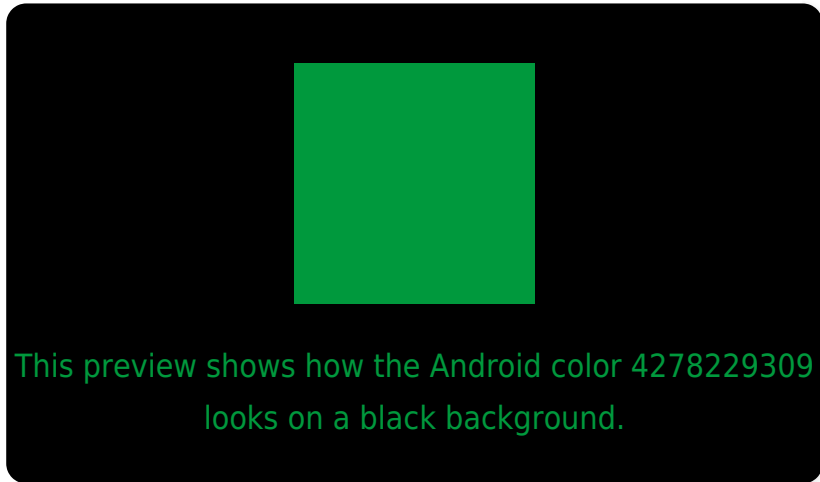
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278229309 Background



This preview shows how black text looks on a background with the Android color 4278229309.



This preview shows how white text looks on a background with the Android color 4278229309.

# 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**  
4278229309

**Protanopia**  
4287792183

**Deuteranopia**  
4288773445



# Trichromacy



**Original Color**  
4278229309



**Protanomaly**  
4284320825



**Deuteranomaly**  
4284909378



**Tritanomaly**  
4280783737

# Monochromacy



**Original Color**  
4278229309



**Achromatopsia**  
4284572001



**Achromatomaly**  
4282283348

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278229309 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, 153, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 61)  
}
```

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, 153, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 61) }
```

## Border

The CSS property to change the border of an element to Android 4278229309 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, 153, 61) }
```

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

```
.border{ border-color:rgb(0, 153, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 61);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 61)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278229309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 61) }
```

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

```
.background{ background-color: rgb(0, 153,  
61) }
```

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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