

# Converting Colors

Android(4278220849)

Have a look what the booklet for  
Android(4278220849) contains.

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# Color

**Android(4278220849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007831
RGB	0, 120, 49
RGB Percent	0%, 47%, 19%
CMY	1.0000, 0.5294, 0.8078
CMYK	1.00, 0.00, 0.59, 0.53
HSL	144°, 100%, 24%
HSV	144°, 100%, 47%
XYZ	7.2708, 13.6547, 5.1581
YIQ	76.0260, -48.7290, -47.5210

# Conversions

## Conversions Part 2

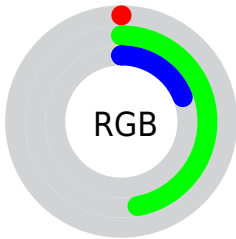
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 85, 120
Decimal	30769
CIELab	43.73, -45.22, 30.62
CIELCh	44, 54.613, 145.895
Yxy	13.6547, 0.2788, 0.5235
Android (android.graphics.Color)	4278220849 (0xFF007831)
YUV	76.0260, -13.3238, -66.6748
Hunter-Lab	36.9523, -29.5442, 17.5903

# Details

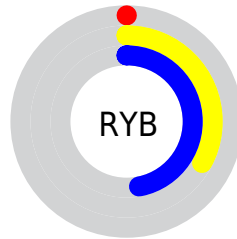
The Android color `4278220849` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286054471`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283215201`, and `4278208001` is the 20% darker color. If you saturate the color by 10%, you get `4278220849`, and if you desaturate by 10%, it is `4279007288`.

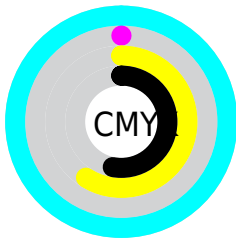
# Distribution



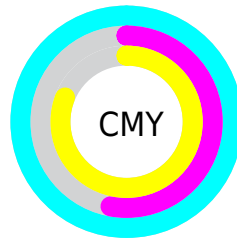
- Red (0%)
- Green (47%)
- Blue (19%)



- Red (0%)
- Yellow (33%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278220849 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 4278220849 by changing the saturation by 10% instead.



 4278220849

 4278220849

4294967295

 4278214170

 4283215201

 4278208001

 4285122939

 4278202112

 4286965397

 4278195456

 4288806832

 4278190080

 4290707404

 4292607976

 4294508543

 4278220849

 4279007288

 4279793727

 4280580166

 4281366605

 4282153044

 4282939484

 4283725923

 4284512362

 4285298801

# Harmonies

## Analogous

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



4283854848



4278220849



4278221919

# Triad

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



4278220849



4278218690



4290133315

# Complementary

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



4278220849



4286054471

# 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.



4290001008



4278220849



4284047033

# Square

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



4278220849



4278220978



4288104603



4288892953

# Rectangle

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



4278220849



4278221951



4288104603



4290263377



# Sweetspot

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



4278220849



4285373568



4282939392



4281552702



4291809231



4283387727



# Same Dimension

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



4278220849



4278230080



4278220908



4281810234



4278222131



4278254695



# Inverse Universe

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



4286054471



4288413788



4286054412



4282201915



4286382154



4294705301



# Previews

## White Background



This preview shows how the Android color 4278220849 looks on a white background.

## Color Contrast Check

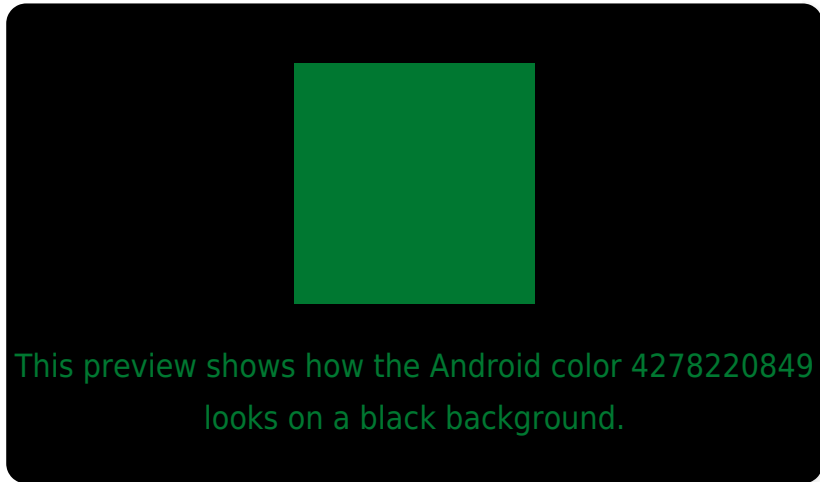
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278220849 Background



This preview shows how black text looks on a background with the Android color 4278220849.



This preview shows how white text looks on a background with the Android color 4278220849.

# 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**  
4278220849

**Protanopia**  
4285753132

**Deuteranopia**  
4286472759



# Trichromacy



**Original Color**

4278220849



**Protanomaly**

4283002158



**Deuteranomaly**

4283460149



**Tritanomaly**

4280251487

# Monochromacy



**Original Color**

4278220849



**Achromatopsia**

4283190348



**Achromatomaly**

4281359426

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278220849 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, 120, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 49)  
}
```

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, 120, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 49) }
```

## Border

The CSS property to change the border of an element to Android 4278220849 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, 120, 49) }
```

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

```
.border{ border-color:rgb(0, 120, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 49)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278220849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 49) }
```

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

```
.background{ background-color: rgb(0, 120,  
49) }
```

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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