

# Converting Colors

Android(4278219549)

Have a look what the booklet for  
Android(4278219549) contains.

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# Color

**Android(4278219549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00731D
RGB	0, 115, 29
RGB Percent	0%, 45%, 11%
CMY	1.0000, 0.5490, 0.8863
CMYK	1.00, 0.00, 0.75, 0.55
HSL	135°, 100%, 23%
HSV	135°, 100%, 45%
XYZ	6.3525, 12.3502, 3.2114
YIQ	70.8110, -40.9340, -51.1260

# Conversions

## Conversions Part 2

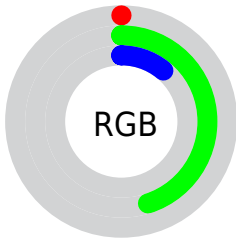
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 115
Decimal	29469
CIELab	41.77, -46.09, 37.81
CIELCh	42, 59.609, 140.637
Yxy	12.3502, 0.2899, 0.5636
Android (android.graphics.Color)	4278219549 (0xFF00731D)
YUV	70.8110, -20.6128, -62.1012
Hunter-Lab	35.1428, -29.2338, 19.1820

# Details

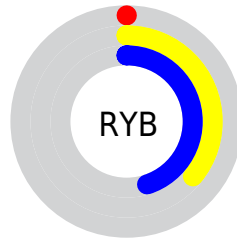
The Android color **4278219549** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285726806**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4283213902**, and **4278206720** is the 20% darker color. If you saturate the color by 10%, you get **4278219549**, and if you desaturate by 10%, it is **4278940454**.

# Distribution



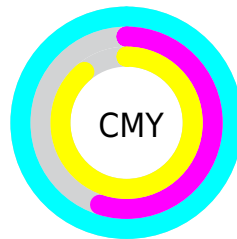
- Red (0%)
- Green (45%)
- Blue (11%)



- Red (0%)
- Yellow (36%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278219549 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 4278219549 by changing the saturation by 10% instead.



 4278219549

 4278219549

4294967295

 4278213121

 4283213902

 4278206720

 4285056104

 4278201088

 4286898306

 4278193152

 4288740764

 4278190080

 4290641848

 4292542420


 4294442992

 4278219549

 4278940454

 4279726894

 4280513335

 4281234239

 4282020680

 4282741585

 4283528025

 4284248930

 4285035370

# Harmonies

## Analogous

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



4283984384



4278219549



4278220625

# Triad

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



4278219549



4278218180



4290194755

# Complementary

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



4278219549



4285726806

# 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.



4289801076



4278219549



4281949375

# Square

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



4278219549



4278220462



4287448226



4289086740

# Rectangle

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



4278219549



4278220915



4287448226



4290259027



# Sweetspot

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



4278219549



4285109877



4283855616



4281421112



4291611852



4283256141



# Same Dimension

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



4278219549



4278228518



4278219606



4281678646



4278221343



4278254143



# Inverse Universe

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



4285726806



4288020593



4285726749



4282070329



4286185564



4294574267



# Previews

## White Background



This preview shows how the Android color 4278219549 looks on a white background.

## Color Contrast Check

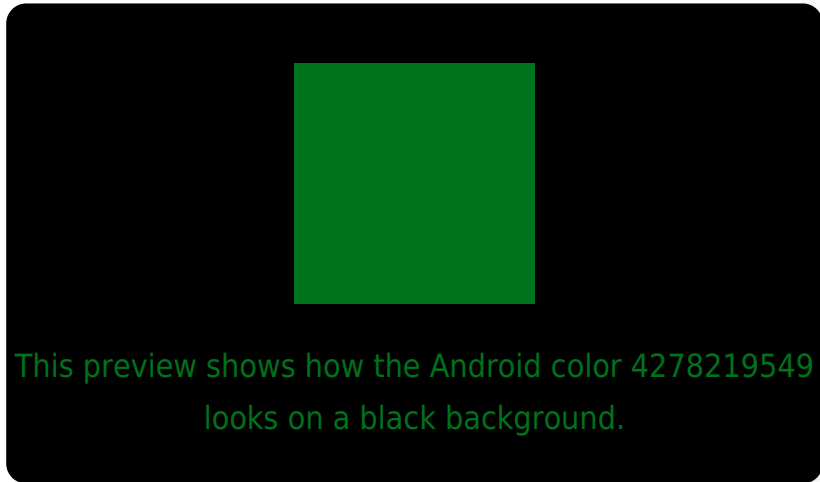
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278219549 Background



This preview shows how black text looks on a background with the Android color 4278219549.



This preview shows how white text looks on a background with the Android color 4278219549.

# 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**  
4278219549

**Protanopia**  
4285489945

**Deuteranopia**  
4286275110



# Trichromacy



**Original Color**

4278219549



**Protanomaly**

4282870042



**Deuteranomaly**

4283328035



**Tritanomaly**

4280184404

# Monochromacy



**Original Color**

4278219549



**Achromatopsia**

4282861383



**Achromatomaly**

4281161528

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278219549 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, 115, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 29)  
}
```

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, 115, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 29) }
```

## Border

The CSS property to change the border of an element to Android 4278219549 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, 115, 29) }
```

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

```
.border{ border-color:rgb(0, 115, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 29);  
box-shadow:4px 4px 4px 4px rgb(0, 115, 29)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278219549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 29) }
```

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

```
.background{ background-color: rgb(0, 115,  
29) }
```

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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