

# Converting Colors

Android(4281233949)

Have a look what the booklet for  
Android(4281233949) contains.

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**Color**

**Android(4281233949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E721D
RGB	46, 114, 29
RGB Percent	18%, 45%, 11%
CMY	0.8196, 0.5529, 0.8863
CMYK	0.60, 0.00, 0.75, 0.55
HSL	108°, 59%, 28%
HSV	108°, 75%, 45%
XYZ	7.3658, 12.7042, 3.2263
YIQ	83.9780, -13.2430, -40.8510

# Conversions

## Conversions Part 2

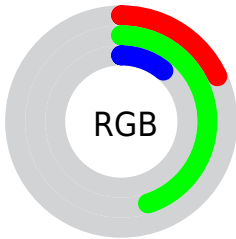
Format	Color
<a href="#">RYB</a>	<a href="#">29, 114, 97</a>
Decimal	<a href="#">3043869</a>
CIELab	<a href="#">42.31, -38.18, 38.65</a>
CIElCh	<a href="#">42, 54.331, 134.649</a>
Yxy	<a href="#">12.7042, 0.3162, 0.5453</a>
Android (android.graphics.Color)	<a href="#">4281233949 (0xFF2E721D)</a>
YUV	<a href="#">83.9780, -27.1042, -33.3067</a>
Hunter-Lab	<a href="#">35.6429, -25.4871, 19.5832</a>

# Details

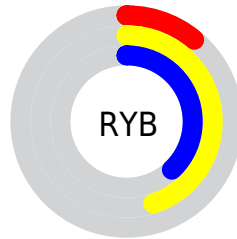
The Android color `4281233949` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4284554610`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284786511`, and `4278206720` is the 20% darker color. If you saturate the color by 10%, you get `4280644114`, and if you desaturate by 10%, it is `4281823784`.

# Distribution



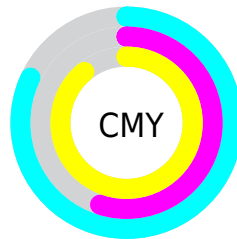
- Red (18%)
- Green (45%)
- Blue (11%)



- Red (11%)
- Yellow (45%)
- Blue (38%)



- Cyan (60%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281233949 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 4281233949 by changing the saturation by 10% instead.





4281233949



4281233949

4294967295



4279064832



4284786511



4278206720



4286562920



4278201088



4288339586



4278193920



4290182044



4278190080



4292083640



4293984212



4294967281



4281233949



4281233949

■ 4280644114

■ 4281823784

■ 4280054278

■ 4282413620

■ 4279726592

■ 4283003455

■ 4283593291

■ 4284248662

■ 4284838497

■ 4285428333

■ 4286018168

■ 4286608004

# Harmonies

## Analogous

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



4284770560



4281233949



4278220619

# Triad

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



4281233949



4278218683



4289934672

# Complementary

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



4281233949



4284554610

# 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.



4289214845



4281233949



4280771259

# Square

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



4281233949



4278220450



4286664100



4289217830

# Rectangle

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



4281233949



4278220906



4286664100



4289868639



# Sweetspot

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



4281233949



4286223475



4285686045



4282075703



4291414473



4283058762



# Same Dimension

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



4281233949



4281046032



4280119863



4281612338



4279793664



4281464576



# Inverse Universe

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



4284554610



4286189716



4285668697



4281807416



4284481656

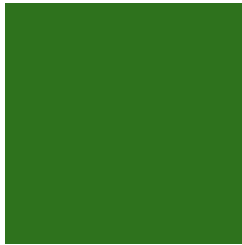


4291166455



# Previews

## White Background



This preview shows how the Android color 4281233949 looks on a white background.

## Color Contrast Check

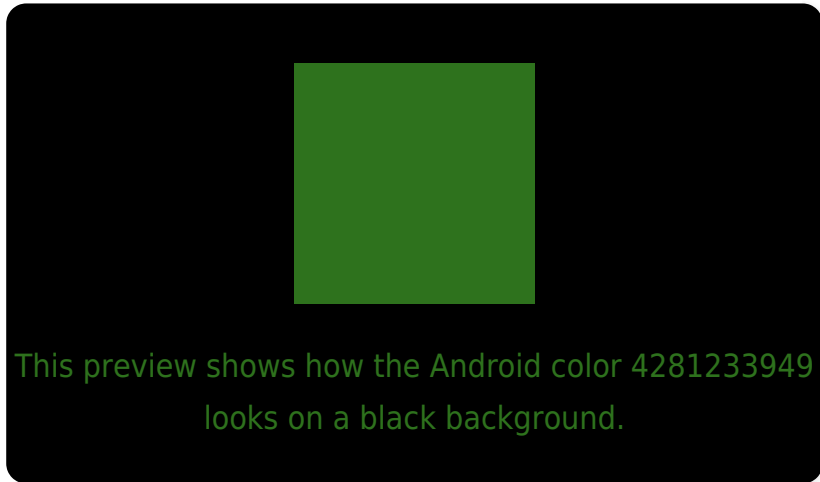
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281233949 Background



This preview shows how black text looks on a background with the Android color 4281233949.



This preview shows how white text looks on a background with the Android color 4281233949.

# 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**

4281233949

**Protanopia**

4285555737

**Deuteranopia**

4286340645



# Trichromacy



**Original Color**  
4281233949

**Protanomaly**  
4283984154

**Deuteranomaly**  
4284507426

**Tritanomaly**  
4281953620

# Monochromacy



**Original Color**  
4281233949

**Achromatopsia**  
4283716692

**Achromatomaly**  
4282801984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281233949 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(46, 114, 29)` looks like.

```
.text, #text, p{  
    color:rgb(46, 114, 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(46, 114, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 114, 29) }
```

## Border

The CSS property to change the border of an element to Android 4281233949 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(46, 114, 29) }
```

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

```
.border{ border-color:rgb(46, 114, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 114, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 114, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 114, 29);  
box-shadow:4px 4px 4px 4px rgb(46, 114,  
29) }
```

# Background

The CSS property to change the background color of an element to Android 4281233949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 114, 29) }
```

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

```
.background{ background-color: rgb(46, 114,  
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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