

# Converting Colors

Android(4281549615)

Have a look what the booklet for  
Android(4281549615) contains.

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# Color

**Android(4281549615)**

# Conversions

Conversions Part 1	
Format	Color
Hex	33432F
RGB	51, 67, 47
RGB Percent	20%, 26%, 18%
CMY	0.8000, 0.7373, 0.8157
CMYK	0.24, 0.00, 0.30, 0.74
HSL	108°, 18%, 22%
HSV	108°, 30%, 26%
XYZ	3.8855, 4.9234, 3.4348
YIQ	59.9360, -3.1160, -9.6120

# Conversions

## Conversions Part 2

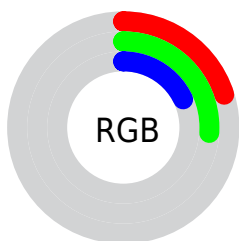
Format	Color
<a href="#">RYB</a>	<a href="#">47, 67, 63</a>
Decimal	<a href="#">3359535</a>
CIELab	<a href="#">26.52, -11.01, 10.11</a>
CIELCh	<a href="#">27, 14.949, 137.456</a>
Yxy	<a href="#">4.9234, 0.3173, 0.4021</a>
Android (android.graphics.Color)	<a href="#">4281549615</a> (0xFF33432F)
YUV	<a href="#">59.9360, -6.3774, -7.8369</a>
Hunter-Lab	<a href="#">22.1886, -7.5727, 6.3538</a>

# Details

The Android color **4281549615** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282330947**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4284642141**, and **4278655232** is the 20% darker color. If you saturate the color by 10%, you get **4281221928**, and if you desaturate by 10%, it is **4281877302**.

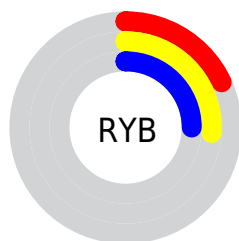
# Distribution



Red (20%)

Green (26%)

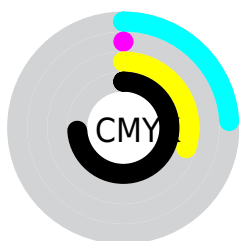
Blue (18%)



Red (18%)

Yellow (26%)

Blue (25%)

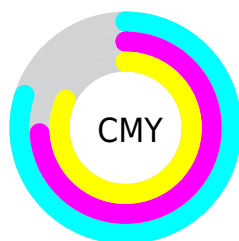


Cyan (24%)

Magenta (0%)

Yellow (30%)

Black (74%)



Cyan (80%)

Magenta (74%)


Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281549615 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 4281549615 by changing the saturation by 10% instead.



 4281549615

 4281549615

4294967295

 4280102170

 4284642141

 4278655232

 4286287222

 4278190080


 4287997839


 4289708714


 4291550917

 4293393377

4294967294

 4281549615

 4281549615

 4281221928 4281877302 4280828706 4282270524 4280501019 4282598211 4280173332 4282925898 4279780110 4283319121 4279452423 4283646807 4279059200 4284040030 4284367717 4284695403

# Harmonies

## Analogous

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



4282400809



4281549615



4280698169

# Triad

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



4281549615



4280893781



4283840056

# Complementary

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



4281549615



4282330947

# 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.



4283578180



4281549615



4282006868

# Square

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



4281549615



4280042575



4282923598



4283644206

# Rectangle

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



4281549615



4280173889



4282923598



4283774524



# Sweetspot

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



4281549615



4283455311



4282597167



4280822567



4289440683



4281019179



# Same Dimension

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



4281549615



4282275639



4281287477



4280164638



4279460096



4281196544



# Inverse Universe

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



4282330947



4283447127



4282593085



4280294945



4283301985

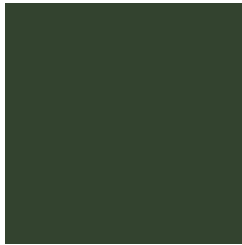


4289986784



# Previews

## White Background



This preview shows how the Android color 4281549615 looks on a white background.

## Color Contrast Check

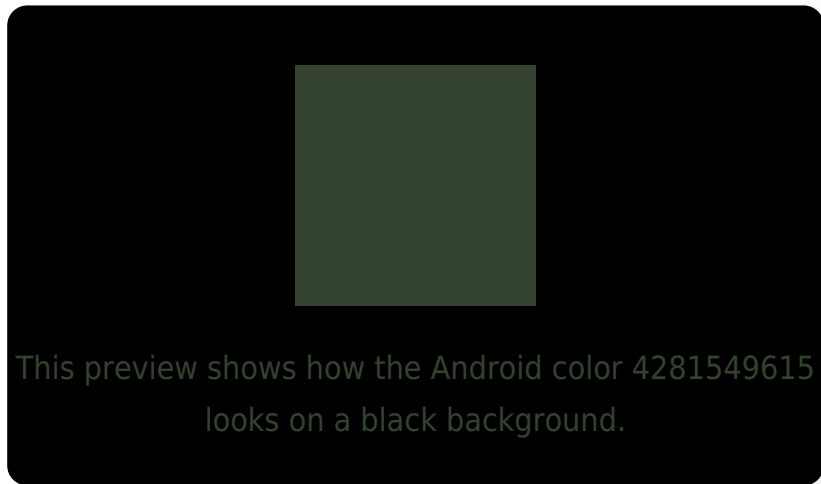
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4281549615 Background



This preview shows how black text looks on a background with the Android color 4281549615.

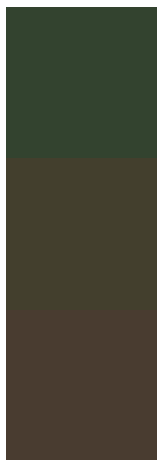


This preview shows how white text looks on a background with the Android color 4281549615.

# 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**

4281549615

**Protanopia**

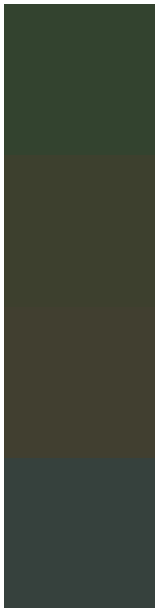
4282597165

**Deuteranopia**

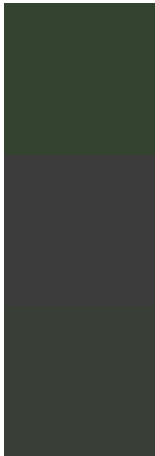
4282989616



# Trichromacy

	<b>Original Color</b> 4281549615
	<b>Protanomaly</b> 4282204206
	<b>Deuteranomaly</b> 4282466096
	<b>Tritanomaly</b> 4281745725

# Monochromacy

	<b>Original Color</b> 4281549615
	<b>Achromatopsia</b> 4282137660
	<b>Achromatomaly</b> 4281941815

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281549615 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(51, 67, 47) looks like.

```
.text, #text, p{  
    color:rgb(51, 67, 47)  
}
```

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(51, 67, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 67, 47) }
```

## Border

The CSS property to change the border of an element to Android 4281549615 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(51, 67, 47) }
```

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

```
.border{ border-color:rgb(51, 67, 47) }
```

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

Here you see how a box with a 4 pixel rgb(51, 67, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 67, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 67, 47);  
box-shadow:4px 4px 4px 4px rgb(51, 67, 47)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281549615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(51, 67, 47) }
```

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

```
.background{ background-color:rgb(51, 67,  
47) }
```

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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