

# Converting Colors

Android(4281575539)

Have a look what the booklet for  
Android(4281575539) contains.

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# Color

**Android(4281575539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33A873
RGB	51, 168, 115
RGB Percent	20%, 66%, 45%
CMY	0.8000, 0.3412, 0.5490
CMYK	0.70, 0.00, 0.32, 0.34
HSL	153°, 53%, 43%
HSV	153°, 70%, 66%
XYZ	18.4624, 29.9469, 21.0269
YIQ	126.9750, -52.7190, -41.2870

# Conversions

## Conversions Part 2

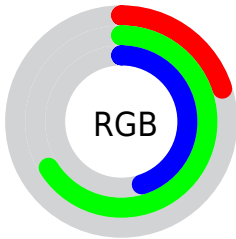
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 127, 168
Decimal	3385459
CIELab	61.61, -44.95, 18.20
CIELCh	62, 48.496, 157.952
Yxy	29.9469, 0.2659, 0.4313
Android (android.graphics.Color)	4281575539 (0xFF33A873)
YUV	126.9750, -5.9037, -66.6301
Hunter-Lab	54.7237, -35.5452, 15.5252

# Details

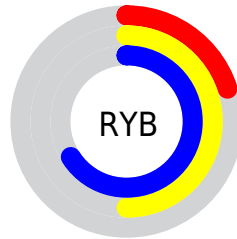
The Android color `4281575539` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289213288`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285587623`, and `4278219587` is the 20% darker color. If you saturate the color by 10%, you get `4280461419`, and if you desaturate by 10%, it is `4282689659`.

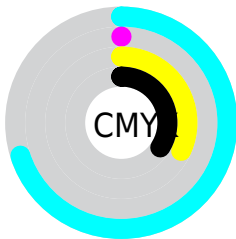
# Distribution



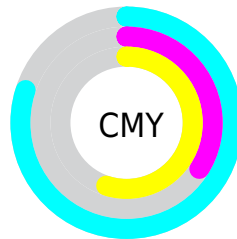
- Red (20%)
- Green (66%)
- Blue (45%)



- Red (20%)
- Yellow (50%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281575539 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 4281575539 by changing the saturation by 10% instead.





4281575539



4281575539

4294967295



4278226266



4285587623



4278219587



4287495618



4278212908



4289396702



4278206743



4291297275



4278201088



4293263359



4278192896



4278190080



4281575539



4281575539



4280461419



4282689659

■ 4279347300

■ 4283803778

■ 4278298716

■ 4284852362

■ 4278233180

■ 4285966481

■ 4287080601

■ 4288194721

■ 4289308840

■ 4290357424

■ 4291471543

# Harmonies

## Analogous

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



4285899086



4281575539



4278233759

# Triad

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



4281575539



4284323562



4292835426

# Complementary

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



4281575539



4289213288

# 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.



4293226635



4281575539



4289168857

# Square

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



4281575539



4278231780



4291982774



4291266372

# Rectangle

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



4281575539



4278233788



4291982774



4293096559



# Sweetspot

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



4281575539



4289584070



4285179955



4283592289



4293783021



4285427310



# Same Dimension

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



4281575539



4280540040



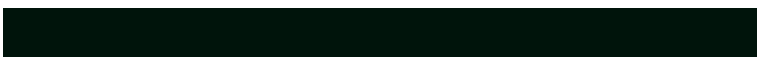
4281574568



4283192400



4278228049



4278195211



# Inverse Universe

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



4289213288



4292551543



4289214259



4283714640



4287889475



4279500809



# Previews

## White Background



This preview shows how the Android color 4281575539 looks on a white background.

## Color Contrast Check

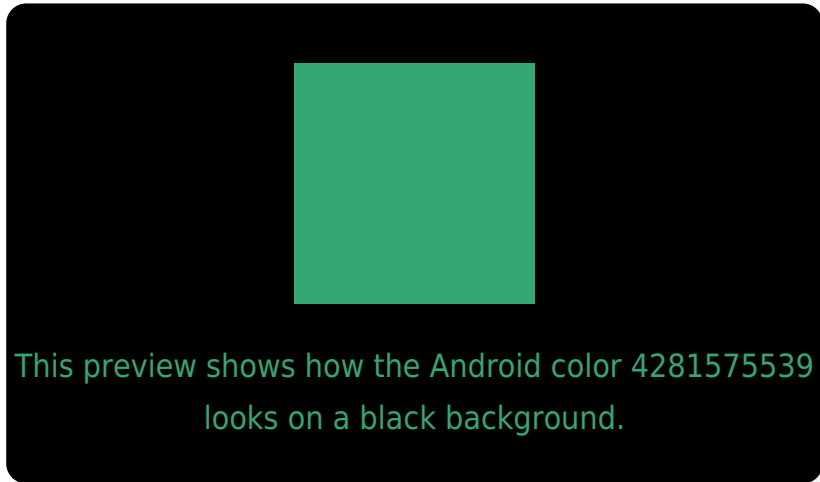
Large Text (above 18pt) WCAG AA ✓ Pass

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

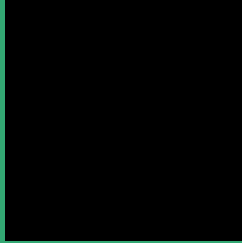
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281575539 Background



This preview shows how black text looks on a background with the Android color 4281575539.



This preview shows how white text looks on a background with the Android color 4281575539.

# 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





# Trichromacy



**Original Color**  
4281575539



**Protanomaly**  
4286094189



**Deuteranomaly**  
4286551927



**Tritanomaly**  
4282557593

# Monochromacy



**Original Color**  
4281575539



**Achromatopsia**  
4286545791



**Achromatomaly**  
4284714619

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281575539 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, 168, 115)` looks like.

```
.text, #text, p{  
    color:rgb(51, 168, 115)  
}
```

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, 168, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 168, 115) }
```

## Border

The CSS property to change the border of an element to Android 4281575539 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, 168, 115) }
```

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

```
.border{ border-color:rgb(51, 168, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 168, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 168, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 168, 115);  
box-shadow:4px 4px 4px 4px rgb(51, 168,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4281575539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 168, 115) }
```

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

```
.background{ background-color: rgb(51, 168,  
115) }
```

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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