

# Converting Colors

Android(4280067187)

Have a look what the booklet for  
Android(4280067187) contains.

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# Color

**Android(4280067187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CA473
RGB	28, 164, 115
RGB Percent	11%, 64%, 45%
CMY	0.8902, 0.3569, 0.5490
CMYK	0.83, 0.00, 0.30, 0.36
HSL	158°, 71%, 38%
HSV	158°, 83%, 64%
XYZ	16.8489, 28.0356, 20.7430
YIQ	117.7500, -65.3270, -44.0710

# Conversions

## Conversions Part 2

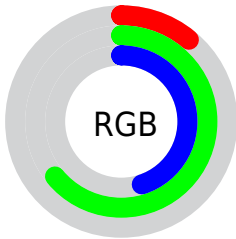
Format	Color
R <sub>Y</sub> B	28, 111, 164
Decimal	1877107
CIE Lab	59.92, -46.37, 15.82
CIE LCh	60, 48.993, 161.164
Yxy	28.0356, 0.2567, 0.4272
Android (android.graphics.Color)	4280067187 (0xFF1CA473)
YUV	117.7500, -1.3558, -78.7108
Hunter-Lab	52.9487, -35.8594, 13.8367

# Details

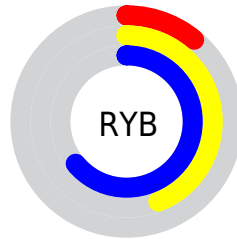
The Android color `4280067187` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288945229`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4284669095`, and `4278218563` is the 20% darker color. If you saturate the color by 10%, you get `4279018605`, and if you desaturate by 10%, it is `4281115769`.

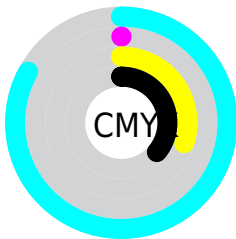
# Distribution



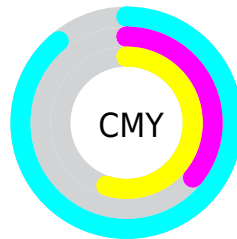
- Red (11%)
- Green (64%)
- Blue (45%)



- Red (11%)
- Yellow (44%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280067187 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 4280067187 by changing the saturation by 10% instead.





4280067187



4280067187

4294967295



4278225242



4284669095



4278218563



4286642626



4278212140



4288544734



4278205719



4290510843



4278200320



4292411391



4278190080



4294377471



4280067187



4280067187



4279018605



4281115769

■ 4278232169

■ 4282229887

■ 4283278469

■ 4284392587

■ 4285441169

■ 4286489750

■ 4287603868

■ 4288652450

■ 4289766568

# Harmonies

## Analogous

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



4285177420



4280067187



4278232736

# Triad

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



4280067187



4284649701



4292441178

# Complementary

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



4280067187



4288945229

# 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.



4292963202



4280067187



4289232594

# Square

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



4280067187



4278230498



4291915693



4290741309

# Rectangle

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



4280067187



4278232508



4291915693



4292767846



# Sweetspot

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



4280067187



4288796355



4283343900



4283132768



4293651435



4285229931



# Same Dimension

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



4280067187



4278245001



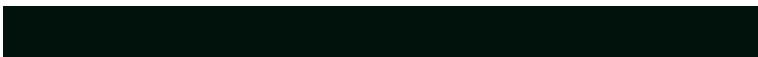
4280062628



4282995279



4278227293



4278194699



# Inverse Universe

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



4288945229



4292214861



4288949788



4283582796



4287692852



4279369734



# Previews

## White Background



This preview shows how the Android color 4280067187 looks on a white background.

## Color Contrast Check

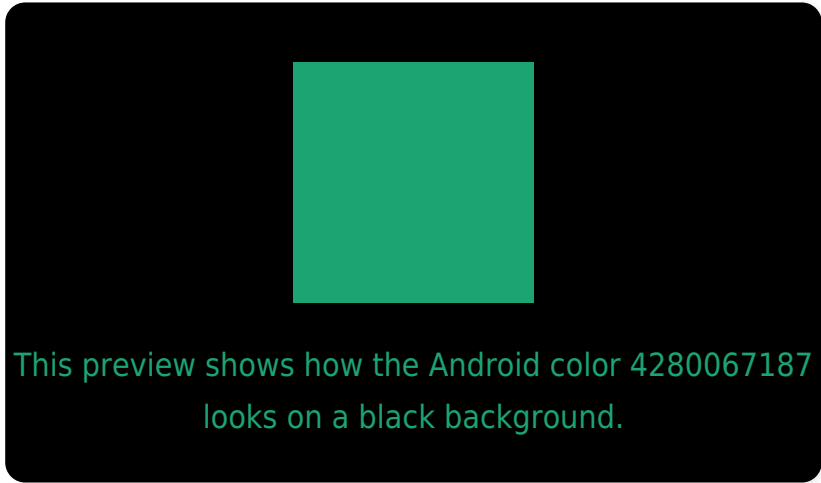
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280067187 Background



This preview shows how black text looks on a background with the Android color 4280067187.

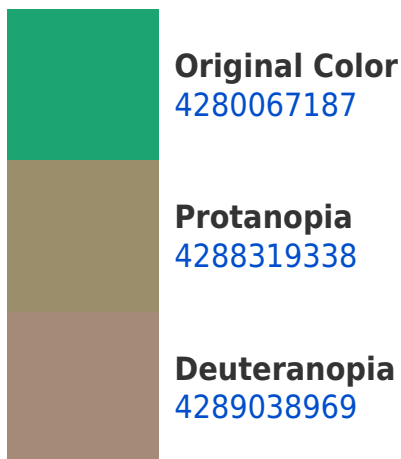


This preview shows how white text looks on a background with the Android color 4280067187.

# 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**

4280067187



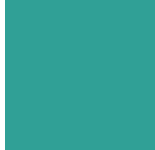
**Protanomaly**

4285306733



**Deuteranomaly**

4285764471



**Tritanomaly**

4281376918

# Monochromacy



**Original Color**

4280067187



**Achromatopsia**

4285953654



**Achromatomaly**

4283795317

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280067187 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(28, 164, 115)` looks like.

```
.text, #text, p{  
    color:rgb(28, 164, 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(28, 164, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 164, 115) }
```

## Border

The CSS property to change the border of an element to Android 4280067187 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(28, 164, 115) }
```

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

```
.border{ border-color:rgb(28, 164, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 164, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 164, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 164, 115);  
box-shadow:4px 4px 4px 4px rgb(28, 164,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4280067187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 164, 115) }
```

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

```
.background{ background-color: rgb(28, 164,  
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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