

# Converting Colors

Android(4280458087)

Have a look what the booklet for  
Android(4280458087) contains.

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# Color

**Android(4280458087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	229B67
RGB	34, 155, 103
RGB Percent	13%, 61%, 40%
CMY	0.8667, 0.3922, 0.5961
CMYK	0.78, 0.00, 0.34, 0.39
HSL	154°, 64%, 37%
HSV	154°, 78%, 61%
XYZ	14.8292, 24.7620, 16.8299
YIQ	112.8930, -55.4240, -41.8240

# Conversions

## Conversions Part 2

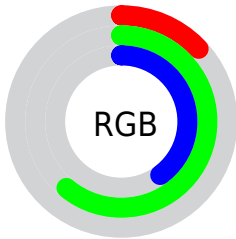
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 111, 155
Decimal	2268007
CIELab	56.84, -44.81, 18.26
CIELCh	57, 48.383, 157.830
Yxy	24.7620, 0.2628, 0.4389
Android (android.graphics.Color)	4280458087 (0xFF229B67)
YUV	112.8930, -4.8772, -69.1892
Hunter-Lab	49.7615, -33.8885, 14.7804

# Details

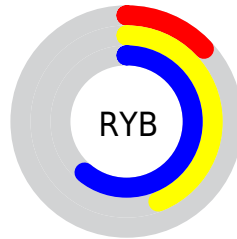
The Android color `4280458087` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288356950`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284732058`, and `4278216504` is the 20% darker color. If you saturate the color by 10%, you get `4279475040`, and if you desaturate by 10%, it is `4281441134`.

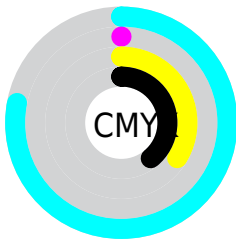
# Distribution



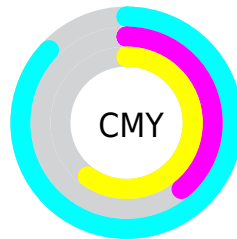
- Red (13%)
- Green (61%)
- Blue (40%)



- Red (13%)
- Yellow (44%)
- Blue (61%)



- Cyan (78%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)



- Cyan (87%)
- Magenta (39%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280458087 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 4280458087 by changing the saturation by 10% instead.





4280458087



4280458087

4294967295



4278222927



4284732058



4278216504



4286640053



4278210082



4288544721



4278203916



4290445293



4278198272



4292345855



4278190080



4294311935



4280458087



4280458087



4279475040



4281441134

■ 4278426458

■ 4282489716

■ 4278229848

■ 4283472763

■ 4284521346

■ 4285504392

■ 4286552975

■ 4287601558

■ 4288584604

■ 4289567651

# Harmonies

## Analogous

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



4285109570



4280458087



4278230419

# Triad

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



4280458087



4283337180



4291914583

# Complementary

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



4280458087



4288356950

# 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.



4292240255



4280458087



4288313803

# Square

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



4280458087



4278228438



4291127721



4290345785

# Rectangle

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



4280458087



4278230447



4291127721



4292175715



# Sweetspot

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



4280458087



4288399798



4283865890



4283000410



4293322470



4284900966



# Same Dimension

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



4280458087



4279028088



4280456091



4282731849



4278226000



4278193415



# Inverse Universe

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



4288356950



4291365981



4288358946



4283254088



4287365180



4279042053



# Previews

## White Background



This preview shows how the Android color 4280458087 looks on a white background.

## Color Contrast Check

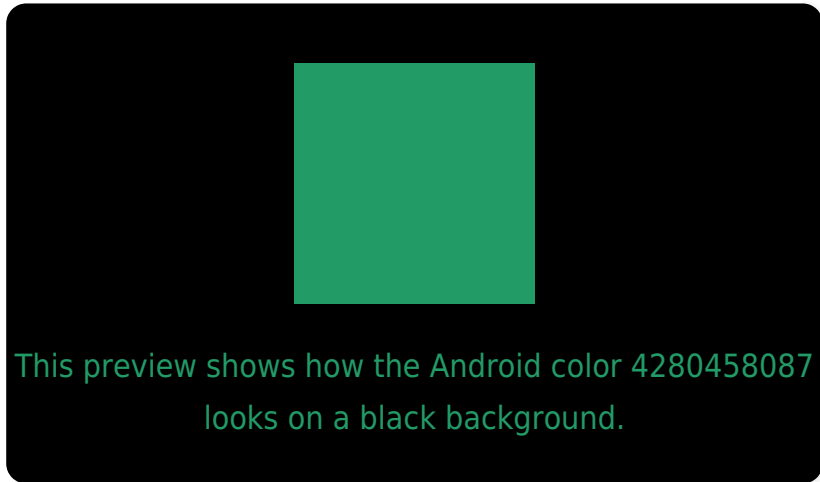
Large Text (above 18pt) WCAG AA ✓ Pass

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

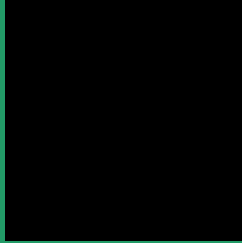
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280458087 Background



This preview shows how black text looks on a background with the Android color 4280458087.



This preview shows how white text looks on a background with the Android color 4280458087.

# 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**

4280458087



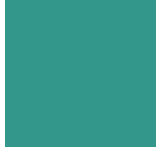
**Protanomaly**

4285107809



**Deuteranomaly**

4285631339



**Tritanomaly**

4281636747

# Monochromacy



**Original Color**

4280458087



**Achromatopsia**

4285624689



**Achromatomaly**

4283727981

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280458087 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(34, 155, 103)` looks like.

```
.text, #text, p{  
    color:rgb(34, 155, 103)  
}
```

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(34, 155, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 155, 103) }
```

## Border

The CSS property to change the border of an element to Android 4280458087 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(34, 155, 103) }
```

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

```
.border{ border-color:rgb(34, 155, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 155, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 155, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 155, 103);  
box-shadow:4px 4px 4px 4px rgb(34, 155,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4280458087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 155, 103) }
```

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

```
.background{ background-color: rgb(34, 155,  
103) }
```

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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