

# Converting Colors

Android(4280263783)

Have a look what the booklet for  
Android(4280263783) contains.

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# Color

**Android(4280263783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FA467
RGB	31, 164, 103
RGB Percent	12%, 64%, 40%
CMY	0.8784, 0.3569, 0.5961
CMYK	0.81, 0.00, 0.37, 0.36
HSL	152°, 68%, 38%
HSV	152°, 81%, 64%
XYZ	16.2887, 27.8215, 17.3435
YIQ	117.2790, -59.6870, -47.1670

# Conversions

## Conversions Part 2

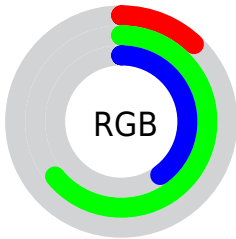
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 117, 164
Decimal	2073703
CIELab	59.73, -48.68, 22.15
CIElCh	60, 53.484, 155.536
Yxy	27.8215, 0.2651, 0.4527
Android (android.graphics.Color)	4280263783 (0xFF1FA467)
YUV	117.2790, -7.0395, -75.6667
Hunter-Lab	52.7461, -37.1824, 17.4270

# Details

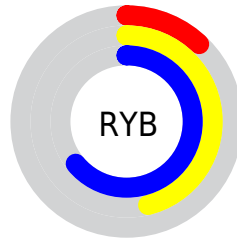
The Android color `4280263783` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288946012`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284734619`, and `4278218551` is the 20% darker color. If you saturate the color by 10%, you get `4279215199`, and if you desaturate by 10%, it is `4281312367`.

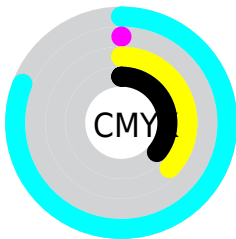
# Distribution



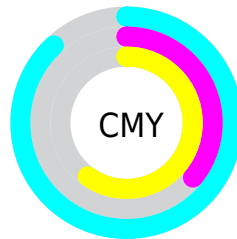
- Red (12%)
- Green (64%)
- Blue (40%)



- Red (12%)
- Yellow (46%)
- Blue (64%)



- Cyan (81%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)



- Cyan (88%)
- Magenta (36%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280263783 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 4280263783 by changing the saturation by 10% instead.



 4280263783

 4280263783

4294967295

 4278225231

 4284734619

 4278218551

 4286708149

 4278211873

 4288610257

 4278205707

 4290510830

 4278200064

 4292476927

 4278190080

 4294443007

 4280263783

 4280263783

 4279215199

 4281312367

 4278232153

 4282426486

 4283475070

 4284589189

 4285637773

 4286686356

 4287800476

 4288849059

 4289963179

# Harmonies

## Analogous

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



4285570367



4280263783



4278232983

# Triad

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



4280263783



4282356462



4292963932

# Complementary

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



4280263783



4288946012

# 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.



4293223817



4280263783



4288577757

# Square

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



4280263783



4278231013



4291849656



4291329848

# Rectangle

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



4280263783



4278232759



4291849656



4293224810



# Sweetspot

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



4280263783



4288927423



4284326943



4283198301



4293651435



4285229931



# Same Dimension

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



4280263783



4278638199



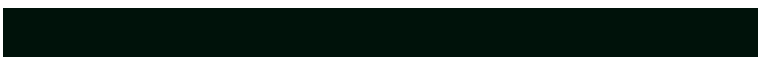
4280262820



4282995278



4278227279



4278194698



# Inverse Universe

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



4288946012



4292216422



4288946975



4283582797



4287692867



4279369736



# Previews

## White Background



This preview shows how the Android color 4280263783 looks on a white background.

## Color Contrast Check

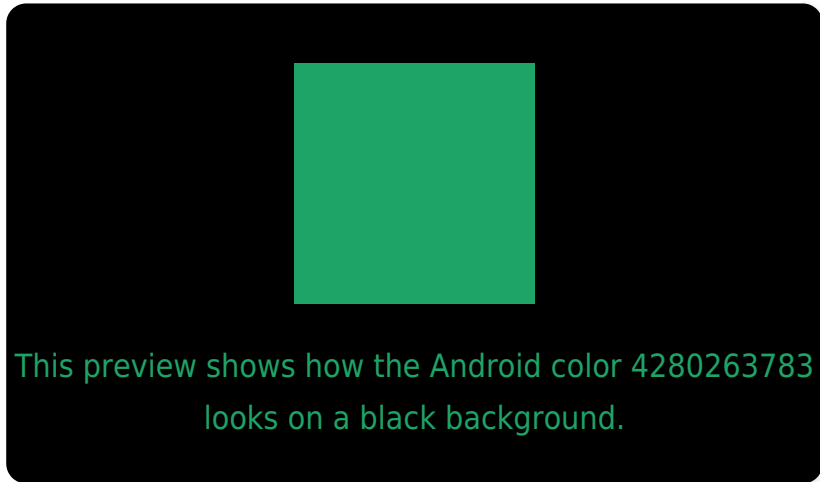
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280263783 Background



This preview shows how black text looks on a background with the Android color 4280263783.



This preview shows how white text looks on a background with the Android color 4280263783.

# 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**

4280263783



**Protanomaly**

4285437793



**Deuteranomaly**

4285961067



**Tritanomaly**

4281704337

# Monochromacy



**Original Color**

4280263783



**Achromatopsia**

4285887861



**Achromatomaly**

4283860592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280263783 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(31, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(31, 164, 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(31, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 164, 103) }
```

## Border

The CSS property to change the border of an element to Android 4280263783 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(31, 164, 103) }
```

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

```
.border{ border-color:rgb(31, 164, 103) }
```

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

Here you see how a box with a 4 pixel rgb(31, 164, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(31, 164,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4280263783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 164, 103) }
```

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

```
.background{ background-color: rgb(31, 164,  
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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