

# Converting Colors

Android(4280852355)

Have a look what the booklet for  
Android(4280852355) contains.

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# Color

**Android(4280852355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289F83
RGB	40, 159, 131
RGB Percent	16%, 62%, 51%
CMY	0.8431, 0.3765, 0.4863
CMYK	0.75, 0.00, 0.18, 0.38
HSL	166°, 60%, 39%
HSV	166°, 75%, 62%
XYZ	17.3699, 26.8861, 25.7468
YIQ	120.2270, -61.9360, -33.9360

# Conversions

## Conversions Part 2

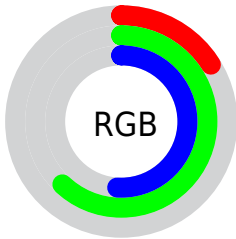
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 107, 159
Decimal	2662275
CIE <sub>Lab</sub>	58.87, -38.97, 5.41
CIE <sub>LCh</sub>	59, 39.342, 172.098
Yxy	26.8861, 0.2481, 0.3841
Android (android.graphics.Color)	4280852355 (0xFF289F83)
YUV	120.2270, 5.3111, -70.3591
Hunter-Lab	51.8518, -30.9445, 6.8561

# Details

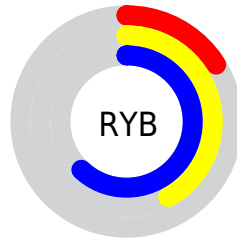
The Android color `4280852355` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288620612`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285060792`, and `4278217554` is the 20% darker color. If you saturate the color by 10%, you get `4279803775`, and if you desaturate by 10%, it is `4281900935`.

# Distribution



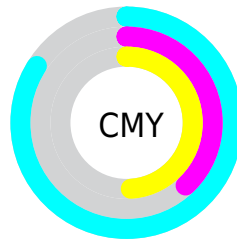
- Red (16%)
- Green (62%)
- Blue (51%)



- Red (16%)
- Yellow (42%)
- Blue (62%)



- Cyan (75%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (84%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280852355 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 4280852355 by changing the saturation by 10% instead.





4280852355



4280852355

4294967295



4278223978



4285060792



4278217554



4286968788



4278211131



4288872432



4278204965



4290772991



4278199568



4292739071



4278190080



4294705151



4280852355



4280852355



4279803775



4281900935

■ 4278755196

■ 4282949514

■ 4278230906

■ 4283998094

■ 4285046674

■ 4286029718

■ 4287078297

■ 4288126877

■ 4289175457

■ 4290224037

# Harmonies

## Analogous

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



4284586850



4280852355



4278230950

# Triad

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



4280852355



4286810318



4291066968

# Complementary

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



4280852355



4288620612

# 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.



4291785589



4280852355



4289756088

# Square

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



4280852355



4282422482



4291457688



4289431880

# Rectangle

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



4280852355



4278230459



4291457688



4291393633



# Sweetspot

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



4280852355



4288794564



4282818344



4283263330



4293454056



4285098345



# Same Dimension

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



4280852355



4279619491



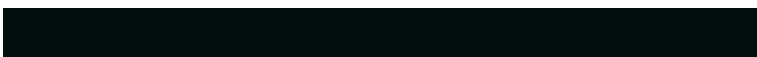
4280844703



4282863437



4278226797



4278193932



# Inverse Universe

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



4288620612



4291761472



4288628264



4283385673



4287561762

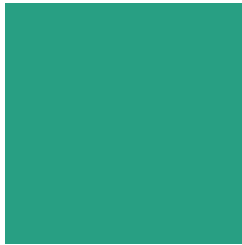


4279173124



# Previews

## White Background



This preview shows how the Android color 4280852355 looks on a white background.

## Color Contrast Check

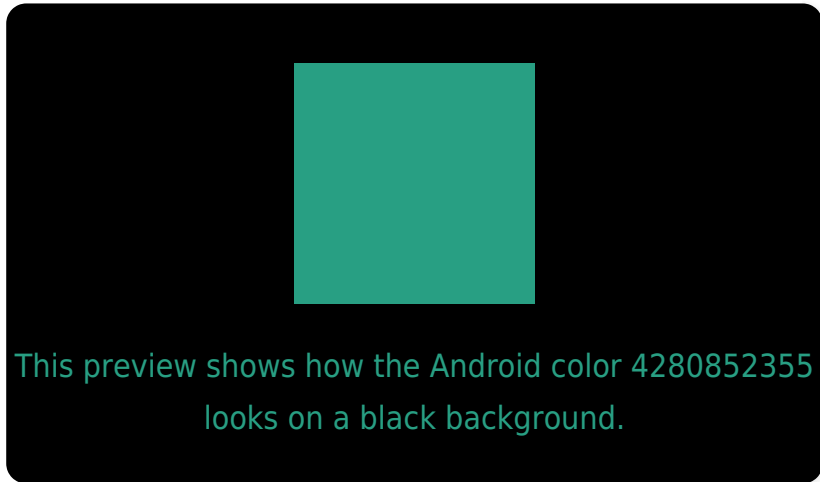
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280852355 Background



This preview shows how black text looks on a background with the Android color 4280852355.

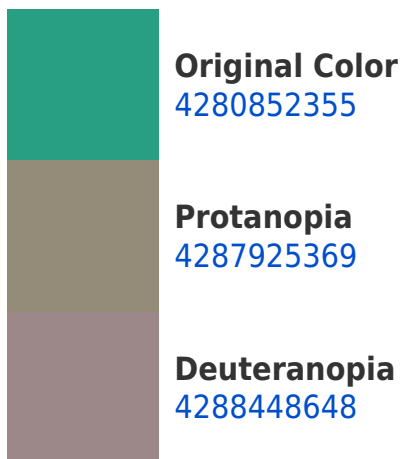


This preview shows how white text looks on a background with the Android color 4280852355.

# 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**

4280852355



**Protanomaly**

4285371261



**Deuteranomaly**

4285698182



**Tritanomaly**

4281638042

# Monochromacy



**Original Color**

4280852355



**Achromatopsia**

4286085240



**Achromatomaly**

4284188284

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280852355 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(40, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(40, 159, 131)  
}
```

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(40, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 159, 131) }
```

## Border

The CSS property to change the border of an element to Android 4280852355 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(40, 159, 131) }
```

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

```
.border{ border-color:rgb(40, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(40, 159,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4280852355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 159, 131) }
```

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

```
.background{ background-color: rgb(40, 159,  
131) }
```

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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