

# Converting Colors

Android(4280851841)

Have a look what the booklet for  
Android(4280851841) contains.

<b>Android(4280851841)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280851841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289D81
RGB	40, 157, 129
RGB Percent	16%, 62%, 51%
CMY	0.8431, 0.3843, 0.4941
CMYK	0.75, 0.00, 0.18, 0.38
HSL	166°, 59%, 39%
HSV	166°, 75%, 62%
XYZ	16.8945, 26.1500, 24.9259
YIQ	118.8250, -60.7440, -33.5120

# Conversions

## Conversions Part 2

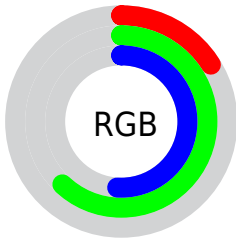
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 106, 157
Decimal	2661761
CIELab	58.18, -38.61, 5.55
CIELCh	58, 39.006, 171.823
Yxy	26.1500, 0.2486, 0.3847
Android (android.graphics.Color)	4280851841 (0xFF289D81)
YUV	118.8250, 5.0163, -69.1295
Hunter-Lab	51.1371, -30.5178, 6.8961

# Details

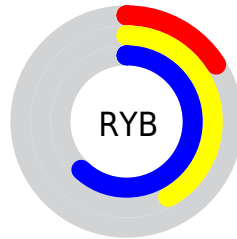
The Android color `4280851841` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288489540`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284994742`, and `4278217040` is the 20% darker color. If you saturate the color by 10%, you get `4279803261`, and if you desaturate by 10%, it is `4281900421`.

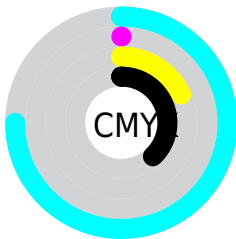
# Distribution



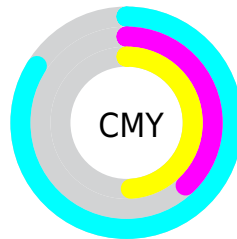
- Red (16%)
- Green (62%)
- Blue (51%)



- 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 4280851841 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 4280851841 by changing the saturation by 10% instead.





4280851841



4280851841

4294967295



4278223464



4284994742



4278217040



4286902737



4278210617



4288806894



4278204451



4290707455



4278199310



4292673535



4278190080



4294639615



4280851841



4280851841



4279803261



4281900421

■ 4278820217

■ 4282883465

■ 4278230391

■ 4283932044

■ 4284980624

■ 4286029204

■ 4287012248

■ 4288060827

■ 4289109407

■ 4290092451

# Harmonies

## Analogous

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



4284520800



4280851841



4278230436

# Triad

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



4280851841



4286678987



4290935383

# Complementary

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



4280851841



4288489540

# 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.



4291654004



4280851841



4289559222

# Square

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



4280851841



4282356431



4291260823



4289300295

# Rectangle

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



4280851841



4278230200



4291260823



4291262304



# Sweetspot

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



4280851841



4288662721



4282752296



4283131488



4293322470



4284900966



# Same Dimension

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



4280851841



4279684257



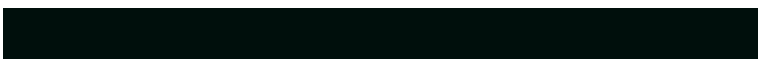
4280844445



4282863437



4278226797



4278193932



# Inverse Universe

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



4288489540



4291565122



4288496936



4283385673



4287561762

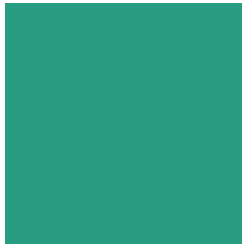


4279173124



# Previews

## White Background



This preview shows how the Android color 4280851841 looks on a white background.

## Color Contrast Check

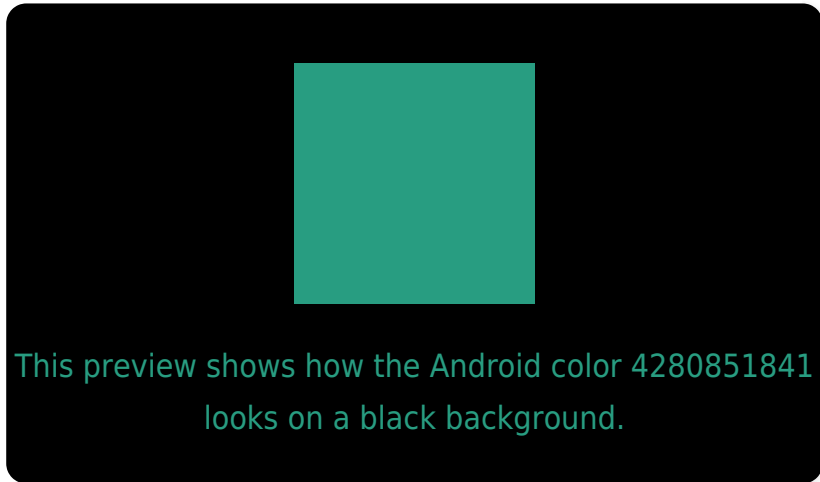
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280851841 Background



This preview shows how black text looks on a background with the Android color 4280851841.

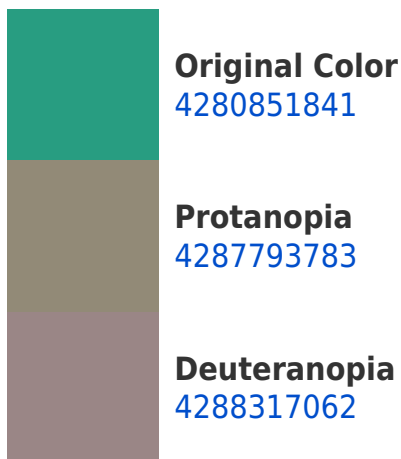


This preview shows how white text looks on a background with the Android color 4280851841.

# 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



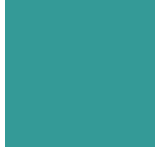
**Original Color**  
4280851841



**Protanomaly**  
4285239675



**Deuteranomaly**  
4285632132



**Tritanomaly**  
4281637527

# Monochromacy



**Original Color**  
4280851841



**Achromatopsia**  
4286019447



**Achromatomaly**  
4284122491

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280851841 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, 157, 129)` looks like.

```
.text, #text, p{  
    color:rgb(40, 157, 129)  
}
```

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, 157, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 157, 129) }
```

## Border

The CSS property to change the border of an element to Android 4280851841 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, 157, 129) }
```

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

```
.border{ border-color:rgb(40, 157, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 157, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 157, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 157, 129);  
box-shadow:4px 4px 4px 4px rgb(40, 157,  
129) }
```

# Background

The CSS property to change the background color of an element to Android 4280851841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 157, 129) }
```

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

```
.background{ background-color: rgb(40, 157,  
129) }
```

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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