

# Converting Colors

Android(4280853403)

Have a look what the booklet for  
Android(4280853403) contains.

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# Color

**Android(4280853403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28A39B
RGB	40, 163, 155
RGB Percent	16%, 64%, 61%
CMY	0.8431, 0.3608, 0.3922
CMYK	0.75, 0.00, 0.05, 0.36
HSL	176°, 61%, 40%
HSV	176°, 75%, 64%
XYZ	19.8887, 29.0121, 35.5620
YIQ	125.3110, -70.7400, -28.5640

# Conversions

## Conversions Part 2

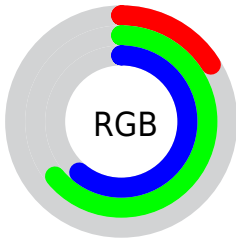
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 104, 163
Decimal	2663323
CIE <sub>Lab</sub>	60.79, -34.16, -5.33
CIE <sub>LCh</sub>	61, 34.573, 188.873
Yxy	29.0121, 0.2355, 0.3435
Android (android.graphics.Color)	4280853403 (0xFF28A39B)
YUV	125.3110, 14.6367, -74.8177
Hunter-Lab	53.8628, -28.3495, -1.4412

# Details

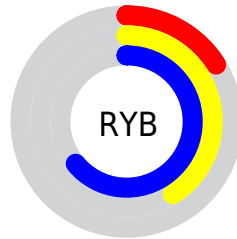
The Android color `4280853403` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288882736`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285192913`, and `4278218600` is the 20% darker color. If you saturate the color by 10%, you get `4279804826`, and if you desaturate by 10%, it is `4281901980`.

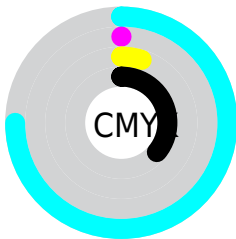
# Distribution



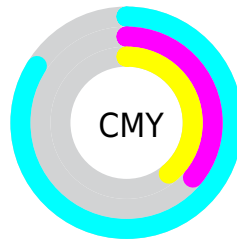
- Red (16%)
- Green (64%)
- Blue (61%)



- Red (16%)
- Yellow (41%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280853403 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 4280853403 by changing the saturation by 10% instead.





4280853403



4280853403

4294967295



4278225025



4285192913



4278218600



4287166446



4278212176



4289069055



4278206009



4291035135



4278200356



4293001215



4278191631



4278190080



4280853403



4280853403



4279804826



4281901980

■ 4278690713

■ 4283016093

■ 4278231960

■ 4284064670

■ 4285113247

■ 4286227360

■ 4287275937

■ 4288324514

■ 4289373091

■ 4290487205

# Harmonies

## Analogous

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



4283867516



4280853403



4278231480

# Triad

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



4280853403



4288841666



4290349402

# Complementary

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



4280853403



4288882736

# 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.



4291461230



4280853403



4290805417

# Square

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



4280853403



4285895631



4291722123



4288582741

# Rectangle

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



4280853403



4280917702



4291722123



4290807391



# Sweetspot

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



4280853403



4288926928



4281377576



4283263849



4293651435



4285229931



# Same Dimension

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



4280853403



4279489735



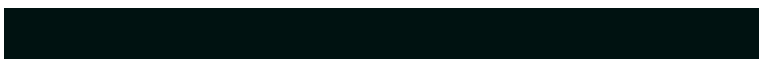
4280839843



4282995281



4278227336



4278194705



# Inverse Universe

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



4288882736



4292088608



4288896296



4283582794



4287692809

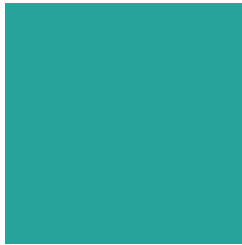


4279369729



# Previews

## White Background



This preview shows how the Android color 4280853403 looks on a white background.

## Color Contrast Check

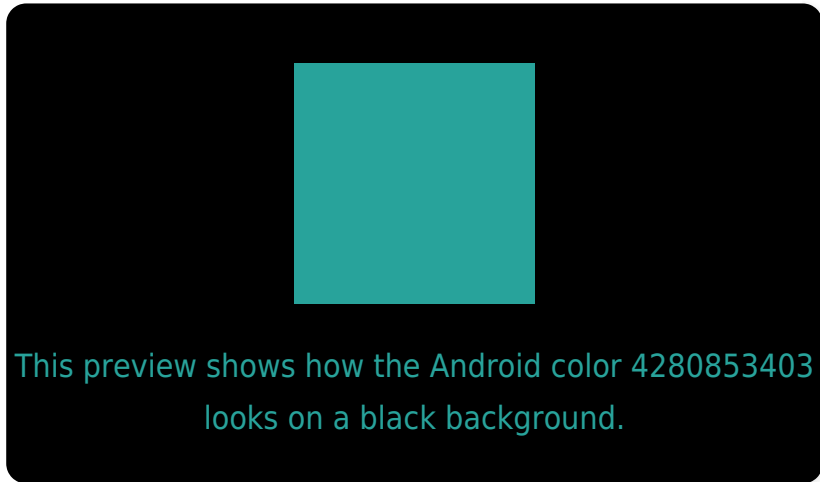
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280853403 Background



This preview shows how black text looks on a background with the Android color 4280853403.

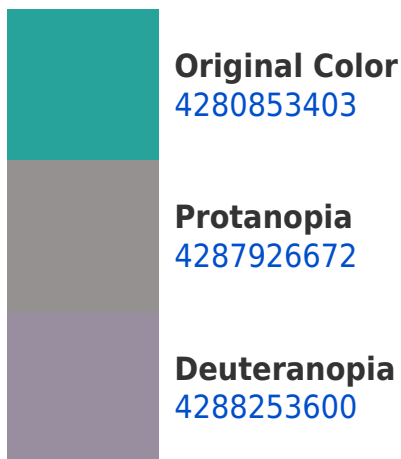


This preview shows how white text looks on a background with the Android color 4280853403.

# 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**  
4280853403



**Protanomaly**  
4285372564



**Deuteranomaly**  
4285568670



**Tritanomaly**  
4281377190

# Monochromacy



**Original Color**  
4280853403



**Achromatopsia**  
4286414205



**Achromatomaly**  
4284386184

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280853403 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, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(40, 163, 155)  
}
```

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, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 163, 155) }
```

## Border

The CSS property to change the border of an element to Android 4280853403 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, 163, 155) }
```

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

```
.border{ border-color:rgb(40, 163, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 163, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(40, 163,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4280853403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 163, 155) }
```

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

```
.background{ background-color: rgb(40, 163,  
155) }
```

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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