

# Converting Colors

Android(4280331143)

Have a look what the booklet for  
Android(4280331143) contains.

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# **Color**

**Android(4280331143)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20AB87
RGB	32, 171, 135
RGB Percent	13%, 67%, 53%
CMY	0.8745, 0.3294, 0.4706
CMYK	0.81, 0.00, 0.21, 0.33
HSL	164°, 68%, 40%
HSV	164°, 81%, 67%
XYZ	19.5317, 31.1822, 27.9110
YIQ	125.3350, -71.2880, -40.6640

# Conversions

## Conversions Part 2

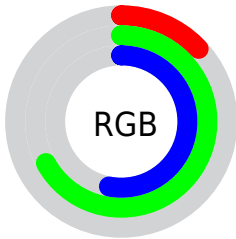
Format	Color
<b>RYB</b>	32, 112, 171
Decimal	2141063
CIELab	62.66, -44.00, 8.57
CIELCh	63, 44.828, 168.973
Yxy	31.1822, 0.2484, 0.3966
Android (android.graphics.Color)	4280331143 (0xFF20AB87)
YUV	125.3350, 4.7648, -81.8548
Hunter-Lab	55.8410, -35.2870, 9.4538




# Details

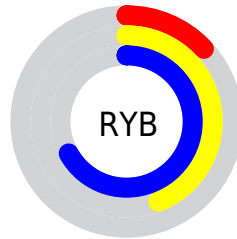
The Android color `4280331143` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289404996`, and the grayscale version is `4286414205`.




A 20% lighter version of the original color is `4284933052`, and `4278220373` is the 20% darker color. If you saturate the color by 10%, you get `4279217027`, and if you desaturate by 10%, it is `4281445259`.

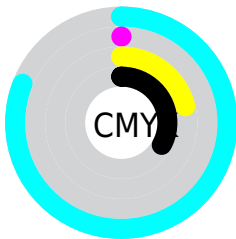
# Distribution







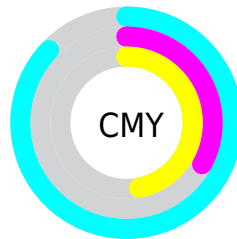
-  Red (13%)
-  Green (67%)
-  Blue (53%)






-  Red (13%)
-  Yellow (44%)
-  Blue (67%)



-  Cyan (81%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (33%)
-  Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280331143 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 4280331143 by changing the saturation by 10% instead.





4280331143



4280331143

4294967295



4278227054



4284933052



4278220373



4286906328



4278213694



4288872436



4278207272



4290772991



4278201620



4292739071



4278194432



4294770687



4278190080



4280331143



4280331143



4279217027



4281445259

■ 4278233983

■ 4282559376

■ 4283673492

■ 4284787609

■ 4285901725

■ 4287081378

■ 4288195494

■ 4289309610

■ 4290423727

# Harmonies

## Analogous

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



4285113953



4280331143



4278234288

# Triad

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



4280331143



4286813155



4292313693

# Complementary

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



4280331143



4289404996

# 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.



4293097344



4280331143



4290413516

# Square

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



4280331143



4280525029



4292507816



4290547784

# Rectangle

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



4280331143



4278233800



4292507816



4292705639



# Sweetspot

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



4280331143



4289322704



4282755872



4283461736



4293980400



4285558896



# Same Dimension

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



4280331143



4278509222



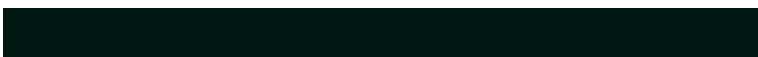
4280322987



4283324244



4278228591



4278195985



# Inverse Universe

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



4289404996



4292740157



4289413152



4283911760



4288020519

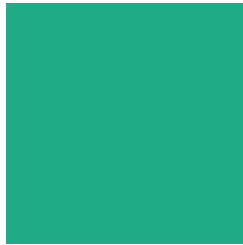


4279697414



# Previews

## White Background



This preview shows how the Android color 4280331143 looks on a white background.

## Color Contrast Check

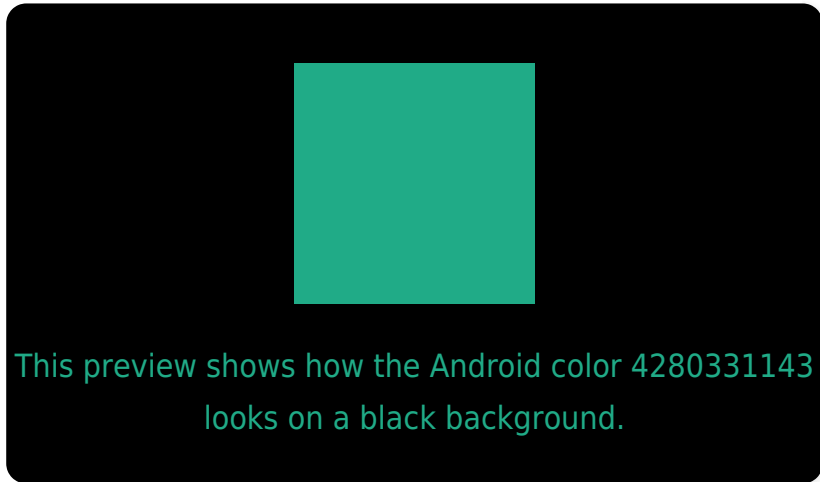
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4280331143 Background



This preview shows how black text looks on a background with the Android color 4280331143.

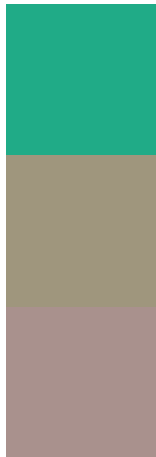


This preview shows how white text looks on a background with the Android color 4280331143.

# 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



**Original Color**  
4280331143

**Protanopia**  
4288648829

**Deuteranopia**  
4289302925



# Trichromacy



**Original Color**

4280331143



**Protanomaly**

4285636225



**Deuteranomaly**

4286028427



**Tritanomaly**

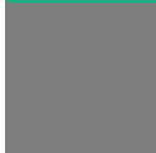
4281509795

# Monochromacy



**Original Color**

4280331143



**Achromatopsia**

4286414205



**Achromatomaly**

4284190337

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280331143 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(32, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(32, 171, 135)  
}
```

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(32, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 171, 135) }
```

## Border

The CSS property to change the border of an element to Android 4280331143 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(32, 171, 135) }
```

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

```
.border{ border-color:rgb(32, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(32, 171,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4280331143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 171, 135) }
```

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

```
.background{ background-color: rgb(32, 171,  
135) }
```

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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