

# Converting Colors

Android(4280073843)

Have a look what the booklet for  
Android(4280073843) contains.

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# **Color**

**Android(4280073843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CBE73
RGB	28, 190, 115
RGB Percent	11%, 75%, 45%
CMY	0.8902, 0.2549, 0.5490
CMYK	0.85, 0.00, 0.39, 0.25
HSL	152°, 74%, 43%
HSV	152°, 85%, 75%
XYZ	21.9869, 38.3116, 22.4557
YIQ	133.0120, -72.4770, -57.6690

# Conversions

## Conversions Part 2

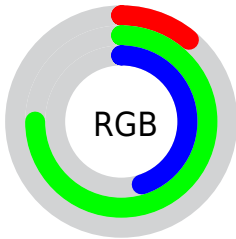
Format	Color
<a href="#">RYB</a>	<a href="#">28, 133, 190</a>
Decimal	<a href="#">1883763</a>
CIELab	<a href="#">68.25, -56.21, 27.09</a>
CIElCh	<a href="#">68, 62.400, 154.266</a>
Yxy	<a href="#">38.3116, 0.2657, 0.4630</a>
Android (android.graphics.Color)	<a href="#">4280073843 (0xFF1CBE73)</a>
YUV	<a href="#">133.0120, -8.8799, -92.0955</a>
Hunter-Lab	<a href="#">61.8964, -44.9118, 21.8173</a>

# Details

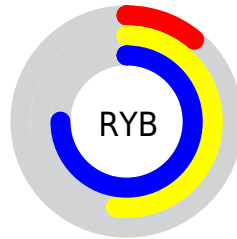
The Android color `4280073843` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290649191`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285134760`, and `4278224706` is the 20% darker color. If you saturate the color by 10%, you get `4278828650`, and if you desaturate by 10%, it is `4281319036`.

# Distribution



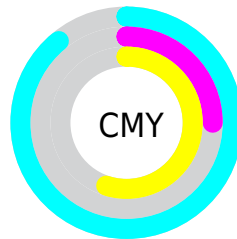
- Red (11%)
- Green (75%)
- Blue (45%)



- Red (11%)
- Yellow (52%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280073843 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 4280073843 by changing the saturation by 10% instead.



 4280073843

 4280073843

4294967295

 4278231642

 4285134760


 4278224706

 4287168451

 4278218027

 4289134559

 4278211348

 4291100668

 4278205184

 4293066751

 4278199040

 4278190080

 4280073843

 4280073843

 4278828650

 4281319036

■ 4278238822

■ 4282564229

■ 4283809421

■ 4285054614

■ 4286299807

■ 4287545000

■ 4288790193

■ 4290035385

■ 4291280578

# Harmonies

## Analogous

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



4286756162



4280073843



4278239917

# Triad

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



4280073843



4281445119



4294933610

# Complementary

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



4280073843



4290649191

# 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.



4294931105



4280073843



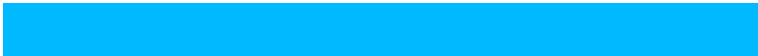
4289959167

# Square

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



4280073843



4278237695



4294016472



4293628222

# Rectangle

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



4280073843



4278239699



4294016472



4294932091

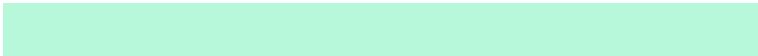


# Sweetspot

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



4280073843



4290246618



4285054492



4283858283



4294769916



4286414205



# Same Dimension

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



4280073843



4278253445



4280072638



4283784794



4278230613



4278198032



# Inverse Universe

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



4290649191



4294377587



4290650396



4284372313



4288544841

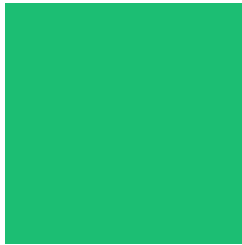


4280221710



# Previews

## White Background



This preview shows how the Android color 4280073843 looks on a white background.

## Color Contrast Check

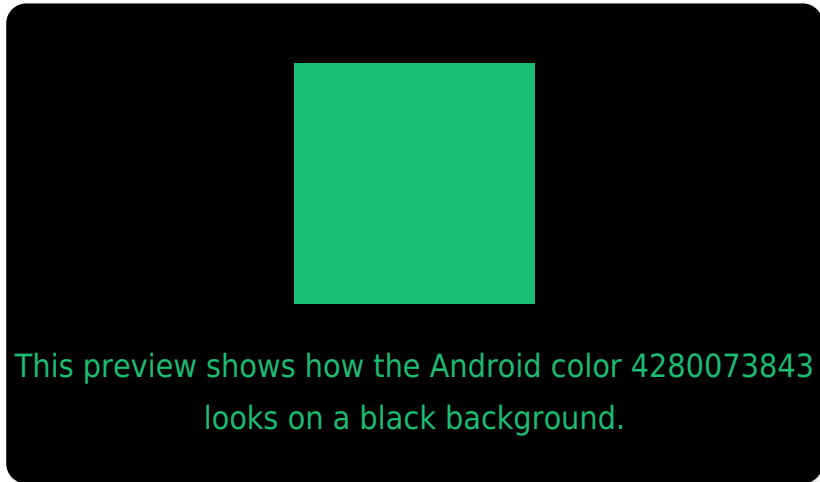
Large Text (above 18pt) WCAG AA × Fail

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

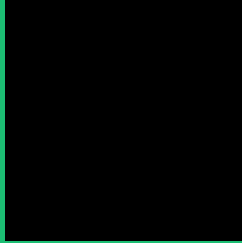
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280073843 Background



This preview shows how black text looks on a background with the Android color 4280073843.



This preview shows how white text looks on a background with the Android color 4280073843.

# 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**

4280073843



**Protanomaly**

4286426733



**Deuteranomaly**

4287015543



**Tritanomaly**

4281972902

# Monochromacy



**Original Color**

4280073843



**Achromatopsia**

4286940549



**Achromatomaly**

4284455550

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280073843 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(28, 190, 115)` looks like.

```
.text, #text, p{  
    color:rgb(28, 190, 115)  
}
```

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(28, 190, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 190, 115) }
```

## Border

The CSS property to change the border of an element to Android 4280073843 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(28, 190, 115) }
```

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

```
.border{ border-color:rgb(28, 190, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 190, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 190, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 190, 115);  
box-shadow:4px 4px 4px 4px rgb(28, 190,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4280073843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 190, 115) }
```

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

```
.background{ background-color: rgb(28, 190,  
115) }
```

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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