

# Converting Colors

Android(4280731857)

Have a look what the booklet for  
Android(4280731857) contains.

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# **Color**

**Android(4280731857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26C8D1
RGB	38, 200, 209
RGB Percent	15%, 78%, 82%
CMY	0.8510, 0.2157, 0.1804
CMYK	0.82, 0.04, 0.00, 0.18
HSL	183°, 69%, 48%
HSV	183°, 82%, 82%
XYZ	32.9622, 46.3241, 67.5257
YIQ	152.5880, -99.4410, -31.5450

# Conversions

## Conversions Part 2

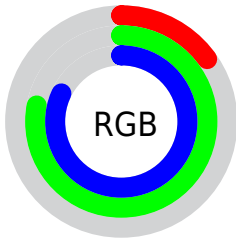
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 121, 209
Decimal	2541777
CIE <sub>Lab</sub>	73.76, -35.59, -15.81
CIE <sub>LCh</sub>	74, 38.941, 203.946
Yxy	46.3241, 0.2245, 0.3155
Android (android.graphics.Color)	4280731857 (0xFF26C8D1)
YUV	152.5880, 27.8111, -100.4937
Hunter-Lab	68.0618, -32.6608, -11.1798

# Details

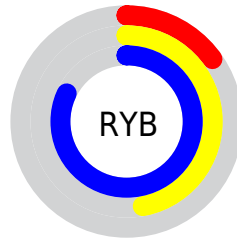
The Android color `4280731857` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light washed cyan. A complement of this color would be `4291899174`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285923327`, and `4278227355` is the 20% darker color. If you saturate the color by 10%, you get `4279355345`, and if you desaturate by 10%, it is `4282108369`.

# Distribution



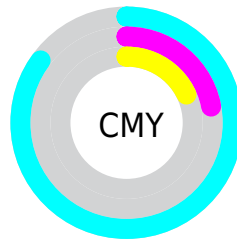
- Red (15%)
- Green (78%)
- Blue (82%)



- Red (15%)
- Yellow (47%)
- Blue (82%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (22%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280731857 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 4280731857 by changing the saturation by 10% instead.



 4280731857

 4280731857

4294967295

 4278234293

 4285923327

 4278227355

 4288020479

 4278220673

 4290052095

 4278214248

 4292083711

 4278208079

 4294115327

 4278201913

 4278196003

 4278190092

 4278190080

■ 4280731857

■ 4280731857

■ 4279355345

■ 4282108369

■ 4278240977

■ 4283484881

■ 4284861393

■ 4286237905

■ 4287614673

■ 4288925649

■ 4290302161

■ 4291678673

■ 4293055185

# Harmonies

## Analogous

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



4283943084



4280731857



4281844974

# Triad

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



4280731857



4292584160



4292063598

# Complementary

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



4280731857



4291899174

# 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.



4293829757



4280731857



4294286014

# Square

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



4280731857



4289703926



4294679450



4289772659

# Rectangle

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



4280731857



4284530425



4294679450



4292783217



# Sweetspot

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



4280731857



4290772223



4280733999



4284054912



4278190080



4286611584



# Same Dimension

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



4280731857



4278579967



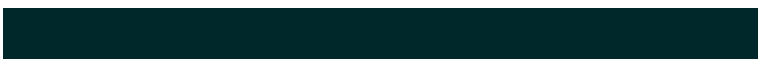
4280710097



4284377193



4278230952



4278200105



# Inverse Universe

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



4291897032



4294903282



4291920934



4285095528



4289200287

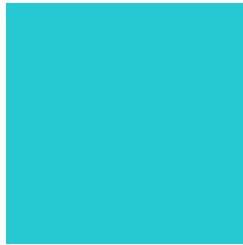


4280877095



# Previews

## White Background



This preview shows how the Android color 4280731857 looks on a white background.

## Color Contrast Check

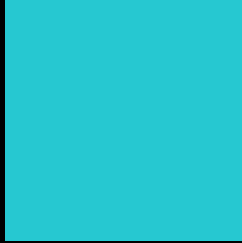
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4280731857 looks on a 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 4280731857 Background



This preview shows how black text looks on a background with the Android color 4280731857.



This preview shows how white text looks on a background with the Android color 4280731857.

# 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**

4280731857



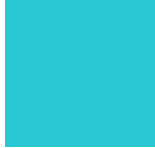
**Protanomaly**

4286561224



**Deuteranomaly**

4286626260



**Tritanomaly**

4280993749

# Monochromacy



**Original Color**

4280731857



**Achromatopsia**

4288256409



**Achromatomaly**

4285508269

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280731857 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(38, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(38, 200, 209)  
}
```

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(38, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 200, 209) }
```

## Border

The CSS property to change the border of an element to Android 4280731857 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(38, 200, 209) }
```

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

```
.border{ border-color:rgb(38, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(38, 200,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4280731857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 200, 209) }
```

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

```
.background{ background-color: rgb(38, 200,  
209) }
```

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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